

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013963.D
 Acq On : 01 Jun 2023 14:08
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY060123

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023

Quant Time: Jun 02 07:04:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	271182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	431913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	392681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	195216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	172094	47.940	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.880%		
35) Dibromofluoromethane	7.710	113	140103	51.042	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.080%		
50) Toluene-d8	10.173	98	531963	50.808	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.620%		
62) 4-Bromofluorobenzene	12.477	95	183350	51.367	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	118768	49.775	ug/l	98
3) Chloromethane	2.107	50	160592	48.595	ug/l	99
4) Vinyl Chloride	2.247	62	155402	50.761	ug/l	100
5) Bromomethane	2.650	94	117737	44.166	ug/l	99
6) Chloroethane	2.790	64	102090	46.595	ug/l	97
7) Trichlorofluoromethane	3.119	101	242664	50.140	ug/l	99
8) Diethyl Ether	3.522	74	90384	47.637	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	125091	50.314	ug/l	99
10) Methyl Iodide	4.082	142	177654	51.848	ug/l	100
11) Tert butyl alcohol	4.966	59	106733m	144.668	ug/l	
12) 1,1-Dichloroethene	3.869	96	131217	50.337	ug/l	97
13) Acrolein	3.729	56	67187	198.861	ug/l	98
14) Allyl chloride	4.473	41	255991	50.602	ug/l	100
15) Acrylonitrile	5.161	53	241489	229.360	ug/l	99
16) Acetone	3.948	43	309249	251.792	ug/l	99
17) Carbon Disulfide	4.186	76	439848	49.899	ug/l	100
18) Methyl Acetate	4.473	43	206597	46.559	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	417953	49.557	ug/l	100
20) Methylene Chloride	4.704	84	166255	50.049	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	147973	50.116	ug/l	95
22) Diisopropyl ether	6.106	45	499023	50.889	ug/l	99
23) Vinyl Acetate	6.052	43	1534637	249.512	ug/l	100
24) 1,1-Dichloroethane	6.009	63	271946	49.685	ug/l	99
25) 2-Butanone	6.978	43	353422	230.984	ug/l	96
26) 2,2-Dichloropropane	6.972	77	245456	49.414	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	168588	49.871	ug/l	100
28) Bromochloromethane	7.326	49	127233	49.221	ug/l	99
29) Tetrahydrofuran	7.344	42	221067	232.340	ug/l	99
30) Chloroform	7.496	83	286553	49.863	ug/l	99
31) Cyclohexane	7.777	56	210380	48.669	ug/l	99
32) 1,1,1-Trichloroethane	7.698	97	247340	50.740	ug/l	99
36) 1,1-Dichloropropene	7.911	75	200516	51.275	ug/l	100
37) Ethyl Acetate	7.070	43	162656	47.707	ug/l	100
38) Carbon Tetrachloride	7.893	117	221109	50.458	ug/l	100
39) Methylcyclohexane	9.179	83	224356	53.741	ug/l	96
40) Benzene	8.155	78	607854	50.388	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013963.D
 Acq On : 01 Jun 2023 14:08
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY060123

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023

Quant Time: Jun 02 07:04:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	73131	46.409	ug/l	96
42) 1,2-Dichloroethane	8.228	62	214917	48.585	ug/l	99
43) Isopropyl Acetate	8.271	43	273305	47.607	ug/l	100
44) Trichloroethene	8.935	130	157559	49.875	ug/l	99
45) 1,2-Dichloropropane	9.210	63	156371	50.230	ug/l	97
46) Dibromomethane	9.301	93	96120	48.229	ug/l	99
47) Bromodichloromethane	9.490	83	224474	49.998	ug/l	98
48) Methyl methacrylate	9.289	41	127798	48.908	ug/l	99
49) 1,4-Dioxane	9.313	88	24827	856.596	ug/l #	44
51) 4-Methyl-2-Pentanone	10.063	43	771575	237.950	ug/l	99
52) Toluene	10.240	92	376851	50.994	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	243777	50.548	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	264131	51.297	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	130075	49.505	ug/l	98
56) Ethyl methacrylate	10.508	69	193620	51.324	ug/l	99
57) 1,3-Dichloropropane	10.789	76	221881	49.421	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	443173	239.796	ug/l	100
59) 2-Hexanone	10.831	43	580622	247.286	ug/l	99
60) Dibromochloromethane	10.984	129	162634	48.973	ug/l	99
61) 1,2-Dibromoethane	11.087	107	127817	48.417	ug/l	99
64) Tetrachloroethene	10.715	164	137300	51.038	ug/l	97
65) Chlorobenzene	11.514	112	405801	50.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	157940	50.360	ug/l	100
67) Ethyl Benzene	11.587	91	725957	52.061	ug/l	100
68) m/p-Xylenes	11.697	106	552195	103.668	ug/l	100
69) o-Xylene	12.026	106	265464	52.011	ug/l	99
70) Styrene	12.038	104	461315	52.621	ug/l	100
71) Bromoform	12.203	173	114565	49.549	ug/l #	98
73) Isopropylbenzene	12.325	105	685739	53.220	ug/l	100
74) N-amyl acetate	12.142	43	253097	51.198	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	164470	48.839	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	114408m	43.551	ug/l	
77) Bromobenzene	12.605	156	177665	51.006	ug/l	99
78) n-propylbenzene	12.666	91	837592	53.040	ug/l	100
79) 2-Chlorotoluene	12.752	91	485791	51.963	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	582678	52.763	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	60382	48.763	ug/l	98
82) 4-Chlorotoluene	12.849	91	506396	51.504	ug/l	100
83) tert-Butylbenzene	13.075	119	497029	53.745	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	581903	52.755	ug/l	100
85) sec-Butylbenzene	13.251	105	713305	53.043	ug/l	99
86) p-Isopropyltoluene	13.367	119	603015	53.123	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	336257	50.833	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	334740	50.026	ug/l	99
89) n-Butylbenzene	13.697	91	573094	53.507	ug/l	100
90) Hexachloroethane	13.959	117	120515	50.586	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	306580	50.309	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	30895	47.566	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	191591	51.144	ug/l	99
94) Hexachlorobutadiene	15.111	225	102949	51.594	ug/l	98
95) Naphthalene	15.233	128	419370	46.331	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	174076	51.019	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
Data File : VY013963.D
Acq On : 01 Jun 2023 14:08
Operator : KP/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060123

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

Quant Time: Jun 02 07:04:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

