

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013036.D
 Acq On : 21 Mar 2023 18:42
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

Quant Time: Mar 22 04:23:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	100804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	151839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	142648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52189	52.145	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.280%			
35) Dibromofluoromethane	7.716	113	52539	57.335	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.680%			
50) Toluene-d8	10.179	98	166252	49.628	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.260%			
62) 4-Bromofluorobenzene	12.477	95	65144	57.614	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	45810	46.106	ug/l	99
3) Chloromethane	2.113	50	44667	37.604	ug/l	97
4) Vinyl Chloride	2.247	62	44589	40.937	ug/l	98
5) Bromomethane	2.644	94	30550	46.159	ug/l	95
6) Chloroethane	2.784	64	29316	44.941	ug/l	96
7) Trichlorofluoromethane	3.125	101	75788	41.894	ug/l	98
8) Diethyl Ether	3.528	74	30202	47.641	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	51546	47.359	ug/l	99
10) Methyl Iodide	4.088	142	64709	45.629	ug/l	98
11) Tert butyl alcohol	4.948	59	31700	277.640	ug/l	100
12) 1,1-Dichloroethene	3.869	96	49018	47.221	ug/l	100
13) Acrolein	3.723	56	36261	206.794	ug/l	99
14) Allyl chloride	4.473	41	87495	45.630	ug/l	99
15) Acrylonitrile	5.155	53	89452	267.794	ug/l	99
16) Acetone	3.942	43	97264	247.591	ug/l	100
17) Carbon Disulfide	4.186	76	161234	45.632	ug/l	100
18) Methyl Acetate	4.473	43	62573	53.487	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	135583	50.567	ug/l	100
20) Methylene Chloride	4.710	84	58541	48.694	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	53580	47.498	ug/l	99
22) Diisopropyl ether	6.112	45	177576	50.988	ug/l	98
23) Vinyl Acetate	6.051	43	570062	263.435	ug/l	99
24) 1,1-Dichloroethane	6.009	63	96337	48.543	ug/l	99
25) 2-Butanone	6.978	43	132191	271.680	ug/l	98
26) 2,2-Dichloropropane	6.978	77	81002	45.956	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	59280	49.015	ug/l	99
28) Bromochloromethane	7.326	49	37502	51.709	ug/l	98
29) Tetrahydrofuran	7.344	42	83955	286.087	ug/l	100
30) Chloroform	7.502	83	99553	50.786	ug/l	100
31) Cyclohexane	7.783	56	84862	44.272	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	86495	48.792	ug/l	98
36) 1,1-Dichloropropene	7.911	75	75303	49.038	ug/l	100
37) Ethyl Acetate	7.070	43	53803	55.590	ug/l	98
38) Carbon Tetrachloride	7.899	117	79777	50.309	ug/l	98
39) Methylcyclohexane	9.179	83	88350	48.394	ug/l	97
40) Benzene	8.155	78	219151	50.452	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013036.D
 Acq On : 21 Mar 2023 18:42
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 22 04:23:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	22730m	43.589	ug/l	
42) 1,2-Dichloroethane	8.234	62	67606	51.768	ug/l	100
43) Isopropyl Acetate	8.271	43	94602	54.785	ug/l	99
44) Trichloroethene	8.935	130	57136	49.890	ug/l	100
45) 1,2-Dichloropropane	9.216	63	56608	51.566	ug/l	100
46) Dibromomethane	9.301	93	34017	54.391	ug/l	99
47) Bromodichloromethane	9.496	83	76873	52.160	ug/l	100
48) Methyl methacrylate	9.289	41	43363	54.500	ug/l	97
49) 1,4-Dioxane	9.295	88	10354	1280.642	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	278782	297.631	ug/l	100
52) Toluene	10.240	92	136586	52.139	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	81655	52.821	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	89725	51.279	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	46708	53.627	ug/l	99
56) Ethyl methacrylate	10.508	69	65117	56.070	ug/l	100
57) 1,3-Dichloropropane	10.788	76	79893	53.855	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	178979	293.570	ug/l	99
59) 2-Hexanone	10.825	43	204495	300.394	ug/l	100
60) Dibromochloromethane	10.984	129	57284	54.030	ug/l	99
61) 1,2-Dibromoethane	11.087	107	45844	54.641	ug/l	99
64) Tetrachloroethene	10.715	164	50928	49.036	ug/l	97
65) Chlorobenzene	11.514	112	146071	48.791	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	54876	49.535	ug/l	100
67) Ethyl Benzene	11.587	91	256585	48.747	ug/l	100
68) m/p-Xylenes	11.697	106	202191	99.852	ug/l	100
69) o-Xylene	12.026	106	93550	49.502	ug/l	99
70) Styrene	12.038	104	161437	51.190	ug/l	99
71) Bromoform	12.203	173	38132	52.793	ug/l #	98
73) Isopropylbenzene	12.325	105	253716	46.657	ug/l	100
74) N-amyl acetate	12.142	43	85815	50.156	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	61999	50.719	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	42907m	46.827	ug/l	
77) Bromobenzene	12.605	156	62120	47.023	ug/l	98
78) n-propylbenzene	12.666	91	314741	46.946	ug/l	99
79) 2-Chlorotoluene	12.752	91	173680	46.611	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	212921	47.445	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	21567	48.771	ug/l	98
82) 4-Chlorotoluene	12.849	91	182859	47.408	ug/l	99
83) tert-Butylbenzene	13.075	119	186329	48.104	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	209414	47.721	ug/l	100
85) sec-Butylbenzene	13.251	105	280371	47.447	ug/l	100
86) p-Isopropyltoluene	13.367	119	230478	47.723	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	120628	47.345	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	121164	46.595	ug/l	98
89) n-Butylbenzene	13.696	91	218619	47.286	ug/l	99
90) Hexachloroethane	13.959	117	47312	47.035	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	111577	48.445	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10726	54.293	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	66714	47.045	ug/l	98
94) Hexachlorobutadiene	15.111	225	39920	46.155	ug/l	99
95) Naphthalene	15.233	128	150320	52.898	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	62989	49.944	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
Data File : VY013036.D
Acq On : 21 Mar 2023 18:42
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/22/2023
Supervised By :Mahesh Dadoda 03/22/2023

Quant Time: Mar 22 04:23:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

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

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

