

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
 Data File : VY014971.D
 Acq On : 07 Aug 2023 18:25
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY080723

Quant Time: Aug 08 07:54:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/08/2023
 Supervised By :Semsettin Yesilyurt 08/08/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	340299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	551511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	497100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	243345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	181221	43.937	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.880%		
35) Dibromofluoromethane	7.716	113	159941	45.350	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.700%		
50) Toluene-d8	10.179	98	598000	44.548	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.100%		
62) 4-Bromofluorobenzene	12.477	95	213734	44.924	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	89.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	84927	44.645	ug/l	97
3) Chloromethane	2.113	50	113791	42.489	ug/l	100
4) Vinyl Chloride	2.247	62	143916	43.611	ug/l	96
5) Bromomethane	2.637	94	108994	51.735	ug/l	100
6) Chloroethane	2.784	64	101918	44.730	ug/l	100
7) Trichlorofluoromethane	3.119	101	234515	44.970	ug/l	99
8) Diethyl Ether	3.528	74	86724	45.067	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	141976	45.990	ug/l	96
10) Methyl Iodide	4.082	142	147565	46.234	ug/l	98
11) Tert butyl alcohol	4.948	59	175296	176.102	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	122762	45.640	ug/l	96
13) Acrolein	3.723	56	91631	270.593	ug/l	98
14) Allyl chloride	4.473	41	202407	45.188	ug/l	95
15) Acrylonitrile	5.155	53	259358	220.613	ug/l	98
16) Acetone	3.942	43	245793	191.107	ug/l	95
17) Carbon Disulfide	4.186	76	262188	44.087	ug/l	98
18) Methyl Acetate	4.473	43	209310	44.688	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	462366	45.435	ug/l	98
20) Methylene Chloride	4.710	84	224955	44.814	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	138641	45.219	ug/l	98
22) Diisopropyl ether	6.112	45	482620	46.258	ug/l	94
23) Vinyl Acetate	6.058	43	1424103	227.065	ug/l	95
24) 1,1-Dichloroethane	6.015	63	274547	46.392	ug/l	97
25) 2-Butanone	6.984	43	380039	206.301	ug/l	92
26) 2,2-Dichloropropane	6.978	77	256554	42.844	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	177584	45.769	ug/l	96
28) Bromochloromethane	7.332	49	121739	45.633	ug/l	92
29) Tetrahydrofuran	7.344	42	237033	219.419	ug/l	91
30) Chloroform	7.502	83	298538	46.439	ug/l	97
31) Cyclohexane	7.783	56	204502	47.774	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	265844	46.924	ug/l	98
36) 1,1-Dichloropropene	7.911	75	203419	46.458	ug/l	99
37) Ethyl Acetate	7.070	43	152636	43.917	ug/l	96
38) Carbon Tetrachloride	7.899	117	233096	47.354	ug/l	97
39) Methylcyclohexane	9.179	83	241555	46.390	ug/l	94
40) Benzene	8.155	78	592668	45.967	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
 Data File : VY014971.D
 Acq On : 07 Aug 2023 18:25
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY080723

Quant Time: Aug 08 07:54:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/08/2023
 Supervised By :Semsettin Yesilyurt 08/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	73966m	43.792	ug/l	
42) 1,2-Dichloroethane	8.234	62	204764	45.625	ug/l	96
43) Isopropyl Acetate	8.271	43	289082	44.768	ug/l	96
44) Trichloroethene	8.935	130	169340	45.773	ug/l	96
45) 1,2-Dichloropropane	9.216	63	158190	46.165	ug/l	98
46) Dibromomethane	9.301	93	99517	45.083	ug/l	97
47) Bromodichloromethane	9.490	83	243003	47.805	ug/l	99
48) Methyl methacrylate	9.289	41	129181	45.596	ug/l	93
49) 1,4-Dioxane	9.295	88	37358	909.869	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	820827	225.569	ug/l	94
52) Toluene	10.240	92	388006	46.765	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	249450	47.123	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	264160	46.188	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	148169	46.184	ug/l	96
56) Ethyl methacrylate	10.508	69	215153	46.835	ug/l	92
57) 1,3-Dichloropropane	10.788	76	243234	45.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	502178	231.191	ug/l	93
59) 2-Hexanone	10.831	43	591798	220.152	ug/l	92
60) Dibromochloromethane	10.984	129	179256	46.925	ug/l	99
61) 1,2-Dibromoethane	11.087	107	140394	45.846	ug/l	100
64) Tetrachloroethene	10.715	164	166653	44.568	ug/l	97
65) Chlorobenzene	11.514	112	438123	46.448	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	173172	46.852	ug/l	99
67) Ethyl Benzene	11.587	91	771437	46.602	ug/l	100
68) m/p-Xylenes	11.697	106	591160	93.351	ug/l	95
69) o-Xylene	12.026	106	289651	46.744	ug/l	98
70) Styrene	12.038	104	496669	46.901	ug/l	97
71) Bromoform	12.203	173	119680	46.977	ug/l #	98
73) Isopropylbenzene	12.325	105	782572	47.840	ug/l	100
74) N-amyl acetate	12.142	43	259725	46.471	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	188653	47.192	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	129447m	44.394	ug/l	
77) Bromobenzene	12.605	156	186209	46.929	ug/l	98
78) n-propylbenzene	12.666	91	922931	47.172	ug/l	99
79) 2-Chlorotoluene	12.752	91	525358	47.115	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	644092	47.781	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	61143	46.196	ug/l	96
82) 4-Chlorotoluene	12.849	91	541388	46.966	ug/l	100
83) tert-Butylbenzene	13.069	119	589242	47.783	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	636568	47.133	ug/l	97
85) sec-Butylbenzene	13.251	105	861055	47.575	ug/l	99
86) p-Isopropyltoluene	13.367	119	710094	47.399	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	360874	46.465	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	362121	46.753	ug/l	99
89) n-Butylbenzene	13.690	91	674089	47.889	ug/l	96
90) Hexachloroethane	13.959	117	137744	47.346	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	334325	46.642	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	34877	44.684	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	217115	47.335	ug/l	98
94) Hexachlorobutadiene	15.111	225	116799	46.959	ug/l	98
95) Naphthalene	15.233	128	516285	47.837	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	198675	47.853	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
Data File : VY014971.D
Acq On : 07 Aug 2023 18:25
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023

Quant Time: Aug 08 07:54:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration

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

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

