

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013641.D
 Acq On : 08 May 2023 12:07
 Operator : KP/MD
 Sample : VY0508SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Quant Time: May 08 14:43:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	247523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	374104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	338767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	183068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143404	52.850	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.700%			
35) Dibromofluoromethane	7.716	113	126373	53.708	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.420%			
50) Toluene-d8	10.179	98	432345	51.652	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.300%			
62) 4-Bromofluorobenzene	12.483	95	160676	56.940	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54438	23.134	ug/l	94
3) Chloromethane	2.113	50	66352	21.036	ug/l	97
4) Vinyl Chloride	2.253	62	66120	21.053	ug/l	99
5) Bromomethane	2.650	94	50403	20.139	ug/l	98
6) Chloroethane	2.790	64	42068	19.389	ug/l	98
7) Trichlorofluoromethane	3.125	101	108740	22.855	ug/l	99
8) Diethyl Ether	3.527	74	34922	21.554	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	57928	21.706	ug/l	98
10) Methyl Iodide	4.088	142	61203	18.259	ug/l	96
11) Tert butyl alcohol	4.978	59	31633	103.885	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	53886	20.947	ug/l	95
13) Acrolein	3.729	56	24122	96.302	ug/l	94
14) Allyl chloride	4.478	41	94503	19.798	ug/l	98
15) Acrylonitrile	5.167	53	98890	108.986	ug/l	99
16) Acetone	3.948	43	116918	109.416	ug/l	93
17) Carbon Disulfide	4.192	76	160701	19.231	ug/l	99
18) Methyl Acetate	4.478	43	75256	21.324	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	162765	21.916	ug/l	98
20) Methylene Chloride	4.716	84	91437	22.936	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	60292	21.436	ug/l	98
22) Diisopropyl ether	6.118	45	201500	21.598	ug/l	95
23) Vinyl Acetate	6.057	43	603302	114.210	ug/l	97
24) 1,1-Dichloroethane	6.015	63	113125	21.756	ug/l	97
25) 2-Butanone	6.990	43	145404	107.296	ug/l	92
26) 2,2-Dichloropropane	6.978	77	103740	23.153	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	67099	21.592	ug/l	96
28) Bromochloromethane	7.332	49	39455	21.383	ug/l	90
29) Tetrahydrofuran	7.350	42	85980	101.924	ug/l	95
30) Chloroform	7.502	83	121457	23.493	ug/l	99
31) Cyclohexane	7.783	56	95965	19.754	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	108611	23.543	ug/l	99
36) 1,1-Dichloropropene	7.911	75	86870	22.246	ug/l	98
37) Ethyl Acetate	7.069	43	63547	21.624	ug/l	96
38) Carbon Tetrachloride	7.899	117	100480	24.550	ug/l	98
39) Methylcyclohexane	9.185	83	97286	21.132	ug/l	97
40) Benzene	8.161	78	251926	22.902	ug/l	99

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41) Methacrylonitrile	7.307	41	29455	21.509	ug/l	98
42) 1,2-Dichloroethane	8.234	62	87011	24.195	ug/l	99
43) Isopropyl Acetate	8.270	43	104812	21.131	ug/l	99
44) Trichloroethene	8.935	130	67122	22.940	ug/l	99
45) 1,2-Dichloropropane	9.215	63	64414	22.396	ug/l	100
46) Dibromomethane	9.301	93	38635	22.451	ug/l	100
47) Bromodichloromethane	9.496	83	93276	24.223	ug/l	99
48) Methyl methacrylate	9.295	41	50353	22.104	ug/l	95
49) 1,4-Dioxane	9.313	88	10963	446.051	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	309956	112.139	ug/l	96
52) Toluene	10.246	92	157836	23.844	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	96773	23.746	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	103855	22.647	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	54693	23.999	ug/l	98
56) Ethyl methacrylate	10.508	69	73174	23.144	ug/l	92
57) 1,3-Dichloropropane	10.788	76	90445	23.434	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	140950	118.886	ug/l	96
59) 2-Hexanone	10.831	43	234745	116.833	ug/l	96
60) Dibromochloromethane	10.983	129	68538	24.768	ug/l	99
61) 1,2-Dibromoethane	11.087	107	53007	23.658	ug/l	99
64) Tetrachloroethene	10.721	164	61262	23.782	ug/l	96
65) Chlorobenzene	11.514	112	168762	22.869	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	68262	24.733	ug/l	98
67) Ethyl Benzene	11.593	91	295762	22.824	ug/l	100
68) m/p-Xylenes	11.703	106	232059	47.106	ug/l	98
69) o-Xylene	12.032	106	108375	23.261	ug/l	97
70) Styrene	12.044	104	186223	23.905	ug/l	100
71) Bromoform	12.209	173	46763	24.189	ug/l #	99
73) Isopropylbenzene	12.331	105	289376	20.899	ug/l	99
74) N-amyl acetate	12.142	43	93884	19.053	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	68933	20.367	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	52597m	21.304	ug/l	
77) Bromobenzene	12.605	156	75033	22.364	ug/l	97
78) n-propylbenzene	12.672	91	363575	21.317	ug/l	98
79) 2-Chlorotoluene	12.757	91	203222	21.338	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	249119	22.043	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	23965	19.856	ug/l	95
82) 4-Chlorotoluene	12.855	91	214176	21.575	ug/l	98
83) tert-Butylbenzene	13.074	119	212715	21.725	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	247253	22.503	ug/l	99
85) sec-Butylbenzene	13.251	105	318070	21.645	ug/l	100
86) p-Isopropyltoluene	13.367	119	266134	22.521	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	144642	22.629	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	146225	22.646	ug/l	99
89) n-Butylbenzene	13.696	91	249221	21.608	ug/l	99
90) Hexachloroethane	13.958	117	54589	21.949	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	131244	22.737	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13429	22.466	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	81078	23.560	ug/l	99
94) Hexachlorobutadiene	15.111	225	52359	26.142	ug/l	99
95) Naphthalene	15.239	128	165839	22.210	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	74709	24.357	ug/l	99

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

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