

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017874.D
 Acq On : 05 Apr 2024 16:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 06 04:49:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/08/2024
 Supervised By :Semsettin Yesilyurt 04/08/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	150840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	247145	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	216459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	100333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	68026	52.116	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.240%			
35) Dibromofluoromethane	7.728	113	71573	50.117	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.240%			
50) Toluene-d8	10.191	98	265380	49.747	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.500%			
62) 4-Bromofluorobenzene	12.489	95	79000	48.674	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	50316	49.879	ug/l	98
3) Chloromethane	2.119	50	103649	52.644	ug/l	98
4) Vinyl Chloride	2.260	62	158959	61.778	ug/l	98
5) Bromomethane	2.662	94	134858	64.821	ug/l	98
6) Chloroethane	2.802	64	114648	68.292	ug/l	99
7) Trichlorofluoromethane	3.137	101	119285	47.538	ug/l	96
8) Diethyl Ether	3.540	74	35977	48.810	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.912	101	69302	46.054	ug/l	98
10) Methyl Iodide	4.107	142	82207	50.235	ug/l	97
11) Tert butyl alcohol	4.960	59	21605	223.894	ug/l #	82
12) 1,1-Dichloroethene	3.887	96	65393	46.439	ug/l	95
13) Acrolein	3.741	56	15762	172.361	ug/l	98
14) Allyl chloride	4.497	41	78032	45.169	ug/l	90
15) Acrylonitrile	5.180	53	70168	225.526	ug/l	98
16) Acetone	3.954	43	55274	204.863	ug/l	89
17) Carbon Disulfide	4.210	76	179238	44.978	ug/l	98
18) Methyl Acetate	4.491	43	26632	44.563	ug/l	96
19) Methyl tert-butyl Ether	5.241	73	163632	50.751	ug/l	98
20) Methylene Chloride	4.729	84	84430	51.125	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	74017	49.120	ug/l	98
22) Diisopropyl ether	6.131	45	197808	49.540	ug/l	92
23) Vinyl Acetate	6.076	43	587560	241.011	ug/l	99
24) 1,1-Dichloroethane	6.033	63	133431	50.348	ug/l	97
25) 2-Butanone	7.003	43	82631	214.981	ug/l	100
26) 2,2-Dichloropropane	6.996	77	108821	47.541	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	90934	51.062	ug/l	99
28) Bromochloromethane	7.350	49	55143	51.166	ug/l	96
29) Tetrahydrofuran	7.362	42	51017	221.207	ug/l	97
30) Chloroform	7.521	83	144726	52.633	ug/l	100
31) Cyclohexane	7.801	56	97721	42.498	ug/l	100
32) 1,1,1-Trichloroethane	7.716	97	120360	51.428	ug/l	96
36) 1,1-Dichloropropene	7.929	75	98885	47.456	ug/l	97
37) Ethyl Acetate	7.088	43	39499	43.926	ug/l	99
38) Carbon Tetrachloride	7.917	117	104996	48.538	ug/l	99
39) Methylcyclohexane	9.197	83	115925	44.539	ug/l	99
40) Benzene	8.173	78	311068	48.441	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	18232m	37.251	ug/l	
42) 1,2-Dichloroethane	8.246	62	80129	50.696	ug/l	97
43) Isopropyl Acetate	8.283	43	73086	44.786	ug/l	99
44) Trichloroethene	8.953	130	78605	47.048	ug/l	99
45) 1,2-Dichloropropane	9.228	63	70981	47.568	ug/l	95
46) Dibromomethane	9.319	93	41112	48.495	ug/l	97
47) Bromodichloromethane	9.508	83	108955	50.864	ug/l	98
48) Methyl methacrylate	9.307	41	32050	46.794	ug/l #	91
49) 1,4-Dioxane	9.307	88	8830	927.809	ug/l #	94
51) 4-Methyl-2-Pentanone	10.081	43	194125	241.630	ug/l	99
52) Toluene	10.252	92	192104	49.319	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	91803	48.267	ug/l	94
54) cis-1,3-Dichloropropene	9.941	75	111568	48.062	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	55193	48.860	ug/l	97
56) Ethyl methacrylate	10.520	69	68458	49.503	ug/l #	95
57) 1,3-Dichloropropane	10.801	76	89962	47.087	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	207827	288.022	ug/l	100
59) 2-Hexanone	10.843	43	131878	232.278	ug/l	97
60) Dibromochloromethane	10.996	129	70743	49.653	ug/l	98
61) 1,2-Dibromoethane	11.099	107	49918	48.462	ug/l	100
64) Tetrachloroethene	10.734	164	91057	48.230	ug/l	98
65) Chlorobenzene	11.526	112	212214	47.793	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	74860	49.652	ug/l	97
67) Ethyl Benzene	11.605	91	374708	49.089	ug/l	97
68) m/p-Xylenes	11.709	106	284033	98.117	ug/l	97
69) o-Xylene	12.038	106	133687	54.831	ug/l	99
70) Styrene	12.057	104	230334	54.812	ug/l	100
71) Bromoform	12.221	173	37812	45.245	ug/l #	99
73) Isopropylbenzene	12.337	105	353185	50.230	ug/l	99
74) N-amyl acetate	12.154	43	63064	47.921	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	55215	45.396	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	37886m	41.438	ug/l	
77) Bromobenzene	12.617	156	80483	48.061	ug/l	98
78) n-propylbenzene	12.678	91	422496	49.244	ug/l	99
79) 2-Chlorotoluene	12.764	91	228735	48.672	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	276704	50.425	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	17993	46.432	ug/l	93
82) 4-Chlorotoluene	12.861	91	228281	46.912	ug/l	97
83) tert-Butylbenzene	13.087	119	251821	50.476	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	275222	50.359	ug/l	98
85) sec-Butylbenzene	13.264	105	373883	49.931	ug/l	99
86) p-Isopropyltoluene	13.379	119	305951	48.882	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	159068	47.870	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	152122	47.829	ug/l	98
89) n-Butylbenzene	13.703	91	285295	49.543	ug/l	98
90) Hexachloroethane	13.971	117	60621	48.708	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	131318	47.676	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6891	41.926	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	69376	45.985	ug/l	98
94) Hexachlorobutadiene	15.117	225	40103	43.849	ug/l	97
95) Naphthalene	15.245	128	117305	48.077	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	58065	45.564	ug/l	98

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

