

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY018005.D
 Acq On : 19 Apr 2024 17:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
 Supervised By :Semsettin Yesilyurt 04/22/2024

Quant Time: Apr 19 23:27:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	404573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	627000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	566490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	278437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	168471	48.120	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.240%		
35) Dibromofluoromethane	7.716	113	198724	51.374	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.740%		
50) Toluene-d8	10.185	98	783304	53.366	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	106.740%		
62) 4-Bromofluorobenzene	12.483	95	245286	53.959	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	107.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	182421	56.837	ug/l	99
3) Chloromethane	2.113	50	188754	35.492	ug/l	99
4) Vinyl Chloride	2.247	62	221420	36.938	ug/l	99
5) Bromomethane	2.650	94	170167	42.650	ug/l	98
6) Chloroethane	2.790	64	148973	39.365	ug/l	97
7) Trichlorofluoromethane	3.119	101	332467	49.214	ug/l	96
8) Diethyl Ether	3.528	74	120150	56.283	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	220006	52.296	ug/l	94
10) Methyl Iodide	4.088	142	332546	59.417	ug/l	99
11) Tert butyl alcohol	4.954	59	65467	262.139	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	228256	55.890	ug/l	96
13) Acrolein	3.723	56	91320	334.914	ug/l	99
14) Allyl chloride	4.479	41	280711	53.113	ug/l	92
15) Acrylonitrile	5.155	53	241914	279.105	ug/l	100
16) Acetone	3.942	43	166030	240.007	ug/l	99
17) Carbon Disulfide	4.192	76	675713	52.010	ug/l	98
18) Methyl Acetate	4.472	43	89156	48.991	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	507636	57.034	ug/l	99
20) Methylene Chloride	4.710	84	273807	58.423	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	250105	55.903	ug/l	98
22) Diisopropyl ether	6.119	45	644153	55.595	ug/l	98
23) Vinyl Acetate	6.058	43	1919408	279.365	ug/l	100
24) 1,1-Dichloroethane	6.015	63	411121	54.345	ug/l	99
25) 2-Butanone	6.984	43	272306	267.803	ug/l	99
26) 2,2-Dichloropropane	6.978	77	328173	54.071	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	298822	58.483	ug/l	97
28) Bromochloromethane	7.332	49	129341	43.465	ug/l	93
29) Tetrahydrofuran	7.350	42	180525	279.768	ug/l	99
30) Chloroform	7.509	83	435381	56.312	ug/l	99
31) Cyclohexane	7.783	56	328649	49.111	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	366155	56.860	ug/l	98
36) 1,1-Dichloropropene	7.917	75	309622	55.039	ug/l	99
37) Ethyl Acetate	7.070	43	128926	55.704	ug/l #	97
38) Carbon Tetrachloride	7.905	117	333912	58.752	ug/l	97
39) Methylcyclohexane	9.185	83	398962	54.422	ug/l	97
40) Benzene	8.161	78	1015860	57.651	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	86202m	59.025	ug/l	
42) 1,2-Dichloroethane	8.240	62	222547	55.120	ug/l	98
43) Isopropyl Acetate	8.271	43	237956	55.155	ug/l	99
44) Trichloroethene	8.941	130	269250	60.131	ug/l	97
45) 1,2-Dichloropropane	9.216	63	228409	56.311	ug/l	100
46) Dibromomethane	9.307	93	132227	58.934	ug/l	93
47) Bromodichloromethane	9.496	83	329529	58.542	ug/l	98
48) Methyl methacrylate	9.295	41	110009	55.646	ug/l	94
49) 1,4-Dioxane	9.301	88	29734	1160.871	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	655975	286.811	ug/l	98
52) Toluene	10.246	92	656934	60.755	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	306751	59.692	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	371356	58.825	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	183924	60.303	ug/l	96
56) Ethyl methacrylate	10.514	69	244985	61.613	ug/l	98
57) 1,3-Dichloropropane	10.795	76	306864	59.417	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	474827	229.736	ug/l	97
59) 2-Hexanone	10.837	43	460014	294.641	ug/l	99
60) Dibromochloromethane	10.990	129	246239	62.819	ug/l	99
61) 1,2-Dibromoethane	11.093	107	172545	60.703	ug/l	99
64) Tetrachloroethene	10.721	164	246287	60.691	ug/l	98
65) Chlorobenzene	11.520	112	737586	59.408	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	250116	61.094	ug/l	99
67) Ethyl Benzene	11.599	91	1231734	58.921	ug/l	97
68) m/p-Xylenes	11.709	106	960823	119.666	ug/l	99
69) o-Xylene	12.032	106	455977	60.812	ug/l	99
70) Styrene	12.050	104	785701	61.999	ug/l	99
71) Bromoform	12.209	173	146007	61.727	ug/l #	99
73) Isopropylbenzene	12.337	105	1157083	57.031	ug/l	98
74) N-amyl acetate	12.148	43	223499	54.571	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	207221	54.764	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	131347m	50.270	ug/l	
77) Bromobenzene	12.611	156	296790	60.448	ug/l	92
78) n-propylbenzene	12.678	91	1380794	56.093	ug/l	98
79) 2-Chlorotoluene	12.764	91	773414	56.133	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	930230	57.823	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	70581	55.697	ug/l	94
82) 4-Chlorotoluene	12.861	91	794624	55.685	ug/l	96
83) tert-Butylbenzene	13.081	119	859356	58.486	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	924330	57.695	ug/l	98
85) sec-Butylbenzene	13.258	105	1231410	55.796	ug/l	97
86) p-Isopropyltoluene	13.373	119	1036362	57.147	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	560292	57.515	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	544883	56.978	ug/l	99
89) n-Butylbenzene	13.703	91	931892	54.621	ug/l	99
90) Hexachloroethane	13.965	117	206624	55.564	ug/l	89
91) 1,2-Dichlorobenzene	13.745	146	488117	58.079	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	25965	53.347	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	280774	57.368	ug/l	98
94) Hexachlorobutadiene	15.117	225	164896	56.794	ug/l	99
95) Naphthalene	15.239	128	476896	59.130	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	235753	57.407	ug/l	99

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

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