

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
 Data File : VY017810.D
 Acq On : 01 Apr 2024 17:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/02/2024
 Supervised By :Semsettin Yesilyurt 04/02/2024

Quant Time: Apr 02 03:22:04 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

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	203970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	323913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	288313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	141125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84568	47.913	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.820%		
35) Dibromofluoromethane	7.722	113	88673	47.375	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.760%		
50) Toluene-d8	10.185	98	349101	49.931	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.860%		
62) 4-Bromofluorobenzene	12.489	95	107550	50.559	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	69638	51.051	ug/l	99
3) Chloromethane	2.113	50	154189	57.915	ug/l	98
4) Vinyl Chloride	2.253	62	208006	59.783	ug/l	99
5) Bromomethane	2.650	94	160741	57.137	ug/l	97
6) Chloroethane	2.796	64	140077	61.705	ug/l	99
7) Trichlorofluoromethane	3.125	101	191987	56.582	ug/l	95
8) Diethyl Ether	3.527	74	51708	51.880	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	104779	51.492	ug/l	97
10) Methyl Iodide	4.088	142	125110	56.538	ug/l	99
11) Tert butyl alcohol	4.948	59	30266	232.341	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	99328	52.164	ug/l	90
13) Acrolein	3.729	56	30551	247.061	ug/l	98
14) Allyl chloride	4.479	41	129573	55.467	ug/l	98
15) Acrylonitrile	5.161	53	105194	250.033	ug/l	99
16) Acetone	3.942	43	86826	237.981	ug/l	91
17) Carbon Disulfide	4.192	76	288724	53.581	ug/l	97
18) Methyl Acetate	4.479	43	41112	50.874	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	229422	52.622	ug/l	99
20) Methylene Chloride	4.716	84	112902	50.527	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	109684	53.830	ug/l	97
22) Diisopropyl ether	6.118	45	309705	57.360	ug/l	97
23) Vinyl Acetate	6.058	43	896432	271.927	ug/l	99
24) 1,1-Dichloroethane	6.015	63	199818	55.758	ug/l	96
25) 2-Butanone	6.984	43	128024	246.320	ug/l	92
26) 2,2-Dichloropropane	6.984	77	165312	53.408	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	131609	54.653	ug/l	95
28) Bromochloromethane	7.338	49	72046	49.437	ug/l	90
29) Tetrahydrofuran	7.350	42	79446	254.745	ug/l	95
30) Chloroform	7.508	83	206594	55.562	ug/l	98
31) Cyclohexane	7.789	56	162642	52.307	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	173039	54.678	ug/l	96
36) 1,1-Dichloropropene	7.923	75	148341	54.318	ug/l	97
37) Ethyl Acetate	7.076	43	57915	49.141	ug/l	99
38) Carbon Tetrachloride	7.905	117	153042	53.981	ug/l	99
39) Methylcyclohexane	9.185	83	184897	54.202	ug/l	97
40) Benzene	8.161	78	467774	55.579	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	36947m	54.009	ug/l	
42) 1,2-Dichloroethane	8.240	62	112467	54.292	ug/l	98
43) Isopropyl Acetate	8.277	43	107977	50.485	ug/l	98
44) Trichloroethene	8.941	130	117206	53.526	ug/l	95
45) 1,2-Dichloropropane	9.222	63	108786	55.625	ug/l	97
46) Dibromomethane	9.307	93	59705	53.735	ug/l	98
47) Bromodichloromethane	9.502	83	155673	55.449	ug/l	98
48) Methyl methacrylate	9.295	41	50713	54.979	ug/l	95
49) 1,4-Dioxane	9.301	88	12578	1008.400	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	294789	274.145	ug/l	98
52) Toluene	10.246	92	291750	57.149	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	138868	55.708	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	168085	55.248	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	79416	53.641	ug/l	95
56) Ethyl methacrylate	10.514	69	102881	55.540	ug/l	93
57) 1,3-Dichloropropane	10.794	76	137590	54.948	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	257347	274.897	ug/l	98
59) 2-Hexanone	10.837	43	203136	266.608	ug/l	97
60) Dibromochloromethane	10.990	129	103567	55.464	ug/l	100
61) 1,2-Dibromoethane	11.093	107	71013	52.602	ug/l	99
64) Tetrachloroethene	10.721	164	137716	54.765	ug/l	96
65) Chlorobenzene	11.520	112	318067	53.779	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	109487	54.521	ug/l	99
67) Ethyl Benzene	11.599	91	574992	56.555	ug/l	100
68) m/p-Xylenes	11.709	106	436644	113.244	ug/l	97
69) o-Xylene	12.032	106	203479	61.179	ug/l	98
70) Styrene	12.050	104	346801	60.621	ug/l	99
71) Bromoform	12.215	173	57491	51.648	ug/l #	98
73) Isopropylbenzene	12.337	105	532352	53.827	ug/l	99
74) N-amyl acetate	12.148	43	98703	52.426	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	82141	48.013	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	60273m	46.868	ug/l	
77) Bromobenzene	12.611	156	120261	51.056	ug/l	98
78) n-propylbenzene	12.678	91	658586	54.574	ug/l	100
79) 2-Chlorotoluene	12.764	91	357108	54.024	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	422376	54.723	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	27707	50.198	ug/l	93
82) 4-Chlorotoluene	12.861	91	364122	53.198	ug/l	99
83) tert-Butylbenzene	13.081	119	384065	54.731	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	423534	55.096	ug/l	100
85) sec-Butylbenzene	13.257	105	581467	55.208	ug/l	100
86) p-Isopropyltoluene	13.373	119	488221	55.457	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	248164	53.096	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	236730	52.917	ug/l	99
89) n-Butylbenzene	13.702	91	459242	56.699	ug/l	99
90) Hexachloroethane	13.965	117	94276	53.854	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	206815	53.382	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10875	47.040	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	113099	53.297	ug/l	99
94) Hexachlorobutadiene	15.117	225	68420	53.187	ug/l	98
95) Naphthalene	15.239	128	177873	51.164	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	93202	51.996	ug/l	99

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

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