

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061324\
 Data File : VY018576.D
 Acq On : 13 Jun 2024 15:59
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2024
 Supervised By :Mahesh Dadoda 06/14/2024

Quant Time: Jun 14 06:46:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 06:38:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	135383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	236434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	205141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	8076	5.925	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.860%#		
35) Dibromofluoromethane	7.704	113	7913	5.486	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.980%#		
50) Toluene-d8	10.173	98	30354	5.473	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.940%#		
62) 4-Bromofluorobenzene	12.477	95	9717	5.548	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	11.100%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	4150	4.654	ug/l	93
3) Chloromethane	2.107	50	9427	5.133	ug/l	96
4) Vinyl Chloride	2.241	62	11519	5.065	ug/l	98
5) Bromomethane	2.638	94	9219	5.454	ug/l	99
6) Chloroethane	2.784	64	7611	5.109	ug/l	96
7) Trichlorofluoromethane	3.113	101	11362	4.639	ug/l	95
8) Diethyl Ether	3.522	74	3136	4.491	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.887	101	6025	4.708	ug/l	97
10) Methyl Iodide	4.076	142	5263	4.048	ug/l #	87
11) Tert butyl alcohol	4.905	59	12394	50.552	ug/l #	95
12) 1,1-Dichloroethene	3.851	96	5939	4.618	ug/l	93
13) Acrolein	3.723	56	1843	23.382	ug/l	97
14) Allyl chloride	4.460	41	8027	4.630	ug/l	90
15) Acrylonitrile	5.161	53	7200	23.178	ug/l #	18
16) Acetone	3.936	43	7215	26.018	ug/l #	79
17) Carbon Disulfide	4.180	76	13590	5.549	ug/l	98
18) Methyl Acetate	4.466	43	3092	4.396	ug/l #	71
19) Methyl tert-butyl Ether	5.198	73	15282	4.455	ug/l	94
20) Methylene Chloride	4.698	84	21022	4.070	ug/l	92
21) trans-1,2-Dichloroethene	5.198	96	6607	4.513	ug/l	97
22) Diisopropyl ether	6.106	45	19220	4.911	ug/l	95
23) Vinyl Acetate	6.045	43	55004	36.028	ug/l	98
24) 1,1-Dichloroethane	6.003	63	12053	4.780	ug/l	96
25) 2-Butanone	6.984	43	9900	23.817	ug/l #	74
26) 2,2-Dichloropropane	6.966	77	10778	5.074	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	8403	4.752	ug/l	95
28) Bromochloromethane	7.326	49	6683	6.467	ug/l	81
29) Tetrahydrofuran	7.338	42	5861	22.976	ug/l	95
30) Chloroform	7.490	83	13062	4.754	ug/l	93
31) Cyclohexane	7.777	56	11624	5.567	ug/l #	64
32) 1,1,1-Trichloroethane	7.691	97	10792	4.623	ug/l	96
36) 1,1-Dichloropropene	7.911	75	9403	4.736	ug/l	95
37) Ethyl Acetate	7.064	43	4779	5.107	ug/l #	97
38) Carbon Tetrachloride	7.887	117	8780	4.215	ug/l	97
39) Methylcyclohexane	9.173	83	10091	4.148	ug/l	95
40) Benzene	8.149	78	27854	4.537	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	2640	5.863	ug/l #	76
42) 1,2-Dichloroethane	8.222	62	7370	4.601	ug/l	93
43) Isopropyl Acetate	8.271	43	7923	4.536	ug/l #	80
44) Trichloroethene	8.935	130	7095	4.414	ug/l	87
45) 1,2-Dichloropropane	9.210	63	6681	4.759	ug/l	96
46) Dibromomethane	9.301	93	3743	4.297	ug/l	96
47) Bromodichloromethane	9.490	83	9048	4.352	ug/l	90
48) Methyl methacrylate	9.283	41	3450	4.387	ug/l	91
49) 1,4-Dioxane	9.289	88	1015	88.595	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	20511	22.293	ug/l	93
52) Toluene	10.240	92	17063	4.329	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	7242	3.986	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	9008	4.108	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	5683	4.905	ug/l #	92
56) Ethyl methacrylate	10.508	69	5912	3.899	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	8914	4.631	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	16333	22.315	ug/l	99
59) 2-Hexanone	10.831	43	14125	21.917	ug/l	93
60) Dibromochloromethane	10.977	129	5835	4.054	ug/l	90
61) 1,2-Dibromoethane	11.087	107	4634	4.328	ug/l	99
64) Tetrachloroethene	10.715	164	6756	4.617	ug/l #	82
65) Chlorobenzene	11.514	112	19094	4.506	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	6331	4.458	ug/l	96
67) Ethyl Benzene	11.587	91	33594	4.569	ug/l	96
68) m/p-Xylenes	11.703	106	25015	8.743	ug/l	97
69) o-Xylene	12.026	106	12586	4.574	ug/l	98
70) Styrene	12.038	104	19425	4.274	ug/l	100
71) Bromoform	12.209	173	3237	4.154	ug/l #	92
73) Isopropylbenzene	12.325	105	32119	4.913	ug/l	96
74) N-amyl acetate	12.148	43	6081	4.543	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	5591	4.817	ug/l	97
76) 1,2,3-Trichloropropane	12.624	75	4952m	5.711	ug/l	
77) Bromobenzene	12.599	156	6741	4.459	ug/l	96
78) n-propylbenzene	12.666	91	36502	4.771	ug/l	100
79) 2-Chlorotoluene	12.752	91	21289	4.929	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	23426	4.521	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	1282	3.999	ug/l #	72
82) 4-Chlorotoluene	12.855	91	20753	4.772	ug/l	97
83) tert-Butylbenzene	13.075	119	22513	4.695	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	23364	4.512	ug/l	98
85) sec-Butylbenzene	13.251	105	31851	4.657	ug/l	97
86) p-Isopropyltoluene	13.367	119	26482	4.567	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	14441	4.736	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	14929	4.989	ug/l	94
89) n-Butylbenzene	13.690	91	24684	4.723	ug/l	98
90) Hexachloroethane	13.959	117	4616	4.382	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	12198	4.683	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	808	4.807	ug/l	87
93) 1,2,4-Trichlorobenzene	15.001	180	6351	4.376	ug/l	99
94) Hexachlorobutadiene	15.111	225	3425	4.593	ug/l	97
95) Naphthalene	15.233	128	10297	3.797	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	5377	4.385	ug/l	96

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

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