

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062824\
 Data File : VD079279.D
 Acq On : 28 Jun 2024 13:31
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024
 Supervised By :Semsettin Yesilyurt 07/01/2024

Quant Time: Jun 29 06:05:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 05:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	144678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	277316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	257777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	9776	3.066	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	6.140%#		
35) Dibromofluoromethane	7.810	113	10004	5.496	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.000%#		
50) Toluene-d8	10.263	98	34835	5.320	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.640%#		
62) 4-Bromofluorobenzene	12.569	95	10039	4.781	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	9191	5.621	ug/l	97
3) Chloromethane	2.146	50	14040	5.662	ug/l	100
4) Vinyl Chloride	2.281	62	15437	5.583	ug/l	96
5) Bromomethane	2.693	94	17541	3.930	ug/l	96
6) Chloroethane	2.834	64	11064	5.641	ug/l	91
7) Trichlorofluoromethane	3.169	101	18063	5.711	ug/l #	83
8) Diethyl Ether	3.593	74	4632	4.979	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.963	101	10856	5.525	ug/l	94
10) Methyl Iodide	4.164	142	2426	7.262	ug/l #	82
11) Tert butyl alcohol	5.069	59	2070m	21.383	ug/l	
12) 1,1-Dichloroethene	3.934	96	9639	5.068	ug/l #	90
13) Acrolein	3.793	56	4381	22.883	ug/l	93
14) Allyl chloride	4.563	41	12093	4.982	ug/l	84
15) Acrylonitrile	5.269	53	10311	24.318	ug/l	95
16) Acetone	4.016	43	7389	21.519	ug/l #	81
17) Carbon Disulfide	4.275	76	36606	5.478	ug/l #	95
18) Methyl Acetate	4.575	43	4731	4.742	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	18524	4.753	ug/l	96
20) Methylene Chloride	4.799	84	23362	4.882	ug/l	87
21) trans-1,2-Dichloroethene	5.311	96	10932	5.115	ug/l	94
22) Diisopropyl ether	6.216	45	23628	4.474	ug/l #	80
23) Vinyl Acetate	6.152	43	87435m	21.870	ug/l	
24) 1,1-Dichloroethane	6.116	63	19865	5.365	ug/l	97
25) 2-Butanone	7.081	43	10258	21.443	ug/l #	84
26) 2,2-Dichloropropane	7.075	77	15676	5.362	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	11453	4.891	ug/l	82
28) Bromochloromethane	7.428	49	8576	5.555	ug/l #	69
29) Tetrahydrofuran	7.446	42	6553	22.051	ug/l #	82
30) Chloroform	7.593	83	20967	5.489	ug/l	90
31) Cyclohexane	7.875	56	17125	5.568	ug/l #	87
32) 1,1,1-Trichloroethane	7.787	97	16746	5.341	ug/l	96
36) 1,1-Dichloropropene	8.004	75	13973	4.941	ug/l	91
37) Ethyl Acetate	7.175	43	5209	4.839	ug/l #	90
38) Carbon Tetrachloride	7.987	117	14651	5.101	ug/l	91
39) Methylcyclohexane	9.275	83	14968	4.499	ug/l	91
40) Benzene	8.246	78	43472	4.927	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	3130	5.290	ug/l #	75
42) 1,2-Dichloroethane	8.316	62	10791	5.085	ug/l	98
43) Isopropyl Acetate	8.363	43	9954	4.791	ug/l #	78
44) Trichloroethene	9.028	130	10572	5.245	ug/l	75
45) 1,2-Dichloropropane	9.304	63	10341	4.813	ug/l #	76
46) Dibromomethane	9.399	93	6035	4.953	ug/l #	86
47) Bromodichloromethane	9.587	83	15426	5.174	ug/l	97
48) Methyl methacrylate	9.387	41	3809	4.063	ug/l	91
49) 1,4-Dioxane	9.393	88	933	74.725	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	21974	20.324	ug/l	92
52) Toluene	10.334	92	24645	4.588	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	12624	4.688	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	15265	4.725	ug/l	94
55) 1,1,2-Trichloroethane	10.728	97	8003	5.092	ug/l	91
56) Ethyl methacrylate	10.593	69	7289	6.917	ug/l #	94
57) 1,3-Dichloropropane	10.881	76	13068	4.864	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	16281	35.079	ug/l	92
59) 2-Hexanone	10.922	43	15297	19.923	ug/l	98
60) Dibromochloromethane	11.069	129	9949	5.015	ug/l	93
61) 1,2-Dibromoethane	11.175	107	6605	4.584	ug/l	91
64) Tetrachloroethene	10.804	164	7747	4.823	ug/l	87
65) Chlorobenzene	11.604	112	27918	4.869	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	10264	5.259	ug/l	93
67) Ethyl Benzene	11.681	91	45477	4.545	ug/l	99
68) m/p-Xylenes	11.787	106	33971	8.803	ug/l	91
69) o-Xylene	12.116	106	14864	4.288	ug/l	78
70) Styrene	12.134	104	26166	4.232	ug/l #	91
71) Bromoform	12.292	173	5107	4.825	ug/l #	100
73) Isopropylbenzene	12.416	105	37696	4.383	ug/l	95
74) N-amyl acetate	12.234	43	7756	4.108	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	9324	5.200	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	5630m	4.906	ug/l	
77) Bromobenzene	12.698	156	9200	4.755	ug/l	76
78) n-propylbenzene	12.763	91	49282	4.476	ug/l	93
79) 2-Chlorotoluene	12.845	91	27767	4.511	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	31974	4.391	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.469	75	2867	4.595	ug/l	97
82) 4-Chlorotoluene	12.945	91	28805	4.454	ug/l	95
83) tert-Butylbenzene	13.163	119	25051	4.247	ug/l	86
84) 1,2,4-Trimethylbenzene	13.210	105	29612	4.063	ug/l	95
85) sec-Butylbenzene	13.339	105	39828	4.243	ug/l	98
86) p-Isopropyltoluene	13.457	119	32213	4.158	ug/l	92
87) 1,3-Dichlorobenzene	13.457	146	20717	5.036	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	21143	5.171	ug/l	89
89) n-Butylbenzene	13.781	91	32942	4.333	ug/l	94
90) Hexachloroethane	14.051	117	8701	5.106	ug/l	85
91) 1,2-Dichlorobenzene	13.828	146	17697	4.998	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1321	5.374	ug/l	70
93) 1,2,4-Trichlorobenzene	15.098	180	8305	4.399	ug/l	99
94) Hexachlorobutadiene	15.198	225	5519	5.257	ug/l	84
95) Naphthalene	15.328	128	15558	4.222	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	7630	4.571	ug/l	94

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

