

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072224\
 Data File : VD079390.D
 Acq On : 22 Jul 2024 14:51
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 23 10:14:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 09:57:54 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	186461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	327088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	308614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	206164	97.316	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 194.640%#			
35) Dibromofluoromethane	7.804	113	224184	98.553	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 197.100%#			
50) Toluene-d8	10.263	98	886093	102.976	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 205.960%#			
62) 4-Bromofluorobenzene	12.569	95	272740	103.636	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 207.280%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	151785	105.155	ug/l	97
3) Chloromethane	2.146	50	166820	97.691	ug/l	100
4) Vinyl Chloride	2.275	62	175096	95.749	ug/l	98
5) Bromomethane	2.669	94	130312	100.106	ug/l	97
6) Chloroethane	2.822	64	94365	99.802	ug/l	97
7) Trichlorofluoromethane	3.164	101	316989	95.142	ug/l	99
8) Diethyl Ether	3.593	74	108060	100.234	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.958	101	220127	96.011	ug/l	99
10) Methyl Iodide	4.158	142	286316	115.047	ug/l	99
11) Tert butyl alcohol	5.052	59	62744	476.077	ug/l #	82
12) 1,1-Dichloroethene	3.934	96	214209	98.561	ug/l	96
13) Acrolein	3.793	56	38048	501.283	ug/l	100
14) Allyl chloride	4.552	41	289404	100.683	ug/l #	85
15) Acrylonitrile	5.252	53	264581	506.869	ug/l	98
16) Acetone	4.022	43	182401	500.919	ug/l	91
17) Carbon Disulfide	4.263	76	624640	98.706	ug/l	99
18) Methyl Acetate	4.563	43	128570	104.302	ug/l #	87
19) Methyl tert-butyl Ether	5.316	73	512783	104.308	ug/l	98
20) Methylene Chloride	4.787	84	284732	99.967	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	235337	96.577	ug/l #	82
22) Diisopropyl ether	6.216	45	637199	98.985	ug/l	95
23) Vinyl Acetate	6.152	43	2567548	514.914	ug/l	94
24) 1,1-Dichloroethane	6.105	63	418774	94.453	ug/l	95
25) 2-Butanone	7.081	43	308471	484.401	ug/l	95
26) 2,2-Dichloropropane	7.075	77	350326	94.766	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	283971	100.866	ug/l	88
28) Bromochloromethane	7.422	49	167496	92.983	ug/l #	75
29) Tetrahydrofuran	7.446	42	196040	508.334	ug/l	85
30) Chloroform	7.593	83	435425	94.226	ug/l	99
31) Cyclohexane	7.875	56	311241	91.461	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	362965	95.702	ug/l	99
36) 1,1-Dichloropropene	8.004	75	303771	99.400	ug/l	96
37) Ethyl Acetate	7.169	43	134796	101.632	ug/l	96
38) Carbon Tetrachloride	7.987	117	311076	96.486	ug/l	99
39) Methylcyclohexane	9.269	83	373345	106.358	ug/l	91
40) Benzene	8.252	78	964436	100.296	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	76594	102.073	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	229201	95.629	ug/l	97
43) Isopropyl Acetate	8.363	43	249890	102.555	ug/l	95
44) Trichloroethene	9.028	130	224747	96.811	ug/l	87
45) 1,2-Dichloropropane	9.304	63	235069	98.067	ug/l	95
46) Dibromomethane	9.393	93	136057	96.976	ug/l	93
47) Bromodichloromethane	9.581	83	336725	97.398	ug/l	98
48) Methyl methacrylate	9.381	41	117696	106.831	ug/l	86
49) 1,4-Dioxane	9.381	88	33214	2178.580	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	681640	517.618	ug/l	98
52) Toluene	10.334	92	619123	102.881	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	318546	101.794	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	377087	103.072	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	184816	98.869	ug/l	94
56) Ethyl methacrylate	10.593	69	249001	110.728	ug/l	96
57) 1,3-Dichloropropane	10.875	76	310344	100.743	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	548501	547.567	ug/l	91
59) 2-Hexanone	10.916	43	483443	518.284	ug/l	98
60) Dibromochloromethane	11.069	129	234828	97.821	ug/l	97
61) 1,2-Dibromoethane	11.175	107	172698	99.681	ug/l	97
64) Tetrachloroethene	10.804	164	187128	95.989	ug/l	92
65) Chlorobenzene	11.604	112	659207	97.247	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	226164	98.233	ug/l	97
67) Ethyl Benzene	11.681	91	1192422	106.152	ug/l	98
68) m/p-Xylenes	11.787	106	917046	210.437	ug/l	90
69) o-Xylene	12.116	106	428853	105.903	ug/l	86
70) Styrene	12.134	104	776639	108.001	ug/l	96
71) Bromoform	12.292	173	130357	96.261	ug/l #	98
73) Isopropylbenzene	12.416	105	1122851	104.879	ug/l	98
74) N-amyl acetate	12.228	43	250031	102.708	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	225554	95.986	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	158621m	97.093	ug/l	
77) Bromobenzene	12.698	156	258700	99.469	ug/l	83
78) n-propylbenzene	12.757	91	1391962	103.374	ug/l	95
79) 2-Chlorotoluene	12.845	91	779343	101.465	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	945919	105.344	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	80221	98.406	ug/l	98
82) 4-Chlorotoluene	12.940	91	821995	100.258	ug/l	94
83) tert-Butylbenzene	13.163	119	818531	107.131	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	978002	107.326	ug/l	97
85) sec-Butylbenzene	13.339	105	1251759	105.008	ug/l	97
86) p-Isopropyltoluene	13.457	119	1066756	109.202	ug/l	97
87) 1,3-Dichlorobenzene	13.451	146	536015	98.839	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	524489	96.771	ug/l	97
89) n-Butylbenzene	13.781	91	1004356	105.191	ug/l	96
90) Hexachloroethane	14.051	117	209806	95.714	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	466308	99.369	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	31203	95.864	ug/l	88
93) 1,2,4-Trichlorobenzene	15.092	180	277550	102.947	ug/l	98
94) Hexachlorobutadiene	15.198	225	144501	95.922	ug/l	97
95) Naphthalene	15.328	128	595857	109.992	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	250606	102.385	ug/l	98

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

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