

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101124\
 Data File : VD079962.D
 Acq On : 11 Oct 2024 10:56
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

Quant Time: Oct 14 02:49:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 02:41:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	148667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	241170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	116645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	17314	10.238	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.480%#		
35) Dibromofluoromethane	7.810	113	16775	9.637	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.280%#		
50) Toluene-d8	10.269	98	58851	9.487	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	18.980%#		
62) 4-Bromofluorobenzene	12.569	95	20304	9.377	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.760%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	15572	10.657	ug/l	92
3) Chloromethane	2.146	50	16440	10.954	ug/l	94
4) Vinyl Chloride	2.281	62	20800	11.147	ug/l	91
5) Bromomethane	2.687	94	17698	11.025	ug/l	99
6) Chloroethane	2.834	64	13531	10.622	ug/l	95
7) Trichlorofluoromethane	3.175	101	31308	10.709	ug/l	97
8) Diethyl Ether	3.593	74	8379	10.434	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	20348	11.333	ug/l	96
10) Methyl Iodide	4.163	142	16156	9.176	ug/l	94
11) Tert butyl alcohol	5.052	59	6306	60.686	ug/l	98
12) 1,1-Dichloroethene	3.940	96	16896	10.578	ug/l	83
13) Acrolein	3.799	56	6496	58.572	ug/l	97
14) Allyl chloride	4.558	41	24256	10.224	ug/l	99
15) Acrylonitrile	5.252	53	21257	55.399	ug/l	97
16) Acetone	4.028	43	24578	56.069	ug/l	92
17) Carbon Disulfide	4.269	76	44596	10.016	ug/l	99
18) Methyl Acetate	4.575	43	10357	11.007	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	37980	10.295	ug/l #	88
20) Methylene Chloride	4.799	84	24106	9.756	ug/l	94
21) trans-1,2-Dichloroethene	5.310	96	17212	10.035	ug/l	96
22) Diisopropyl ether	6.222	45	53782	10.452	ug/l	98
23) Vinyl Acetate	6.163	43	144209	49.882	ug/l	98
24) 1,1-Dichloroethane	6.110	63	37186	10.969	ug/l	99
25) 2-Butanone	7.087	43	28008	52.471	ug/l	94
26) 2,2-Dichloropropane	7.075	77	32060	10.931	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	22538	10.567	ug/l	98
28) Bromochloromethane	7.422	49	14593	10.086	ug/l #	96
29) Tetrahydrofuran	7.446	42	15027	52.639	ug/l	100
30) Chloroform	7.593	83	39529	11.008	ug/l	96
31) Cyclohexane	7.881	56	26681	10.383	ug/l #	91
32) 1,1,1-Trichloroethane	7.793	97	32860	11.047	ug/l	99
36) 1,1-Dichloropropene	8.010	75	23832	10.215	ug/l	99
37) Ethyl Acetate	7.181	43	12504m	11.071	ug/l	
38) Carbon Tetrachloride	7.999	117	27346	10.548	ug/l	94
39) Methylcyclohexane	9.275	83	24617	9.403	ug/l	94
40) Benzene	8.251	78	76176	10.325	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	6242	10.523	ug/l #	71
42) 1,2-Dichloroethane	8.322	62	21571	10.632	ug/l	97
43) Isopropyl Acetate	8.363	43	21376	10.273	ug/l	98
44) Trichloroethene	9.028	130	19202	10.521	ug/l	89
45) 1,2-Dichloropropane	9.310	63	19718	10.540	ug/l	99
46) Dibromomethane	9.393	93	10722	10.387	ug/l	100
47) Bromodichloromethane	9.587	83	28557	10.431	ug/l	99
48) Methyl methacrylate	9.387	41	10088	10.763	ug/l	96
49) 1,4-Dioxane	9.398	88	2366	208.596	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	54871	51.543	ug/l	98
52) Toluene	10.334	92	45141	9.993	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	24476	10.210	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	29071	10.277	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	16393	11.306	ug/l #	89
56) Ethyl methacrylate	10.592	69	16771	9.901	ug/l	94
57) 1,3-Dichloropropane	10.881	76	24377	10.417	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	27705	44.200	ug/l	99
59) 2-Hexanone	10.922	43	38849	49.272	ug/l	96
60) Dibromochloromethane	11.075	129	20107	10.673	ug/l	100
61) 1,2-Dibromoethane	11.181	107	14172	10.620	ug/l	98
64) Tetrachloroethene	10.810	164	15763	10.193	ug/l	86
65) Chlorobenzene	11.604	112	53027	10.392	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	19607	10.696	ug/l	98
67) Ethyl Benzene	11.681	91	84341	9.772	ug/l	95
68) m/p-Xylenes	11.787	106	64512	19.477	ug/l	99
69) o-Xylene	12.116	106	28879	9.424	ug/l	99
70) Styrene	12.134	104	51660	9.473	ug/l	97
71) Bromoform	12.298	173	11777	10.683	ug/l #	99
73) Isopropylbenzene	12.416	105	78820	9.933	ug/l	99
74) N-amyl acetate	12.228	43	19955	10.398	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	17051	10.598	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	13672m	11.042	ug/l	
77) Bromobenzene	12.698	156	21123	10.289	ug/l	100
78) n-propylbenzene	12.757	91	98798	10.015	ug/l	99
79) 2-Chlorotoluene	12.845	91	58764	10.253	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	67324	10.067	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	6207	10.764	ug/l	99
82) 4-Chlorotoluene	12.945	91	65037	10.562	ug/l	99
83) tert-Butylbenzene	13.163	119	57508	10.033	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	65357	9.732	ug/l	99
85) sec-Butylbenzene	13.339	105	89910	10.206	ug/l	99
86) p-Isopropyltoluene	13.457	119	70333	9.570	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	44410	10.574	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	45030	10.731	ug/l	98
89) n-Butylbenzene	13.786	91	69059	9.715	ug/l	99
90) Hexachloroethane	14.045	117	17281	10.638	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	39528	10.773	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3057	11.380	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	23165	10.075	ug/l	97
94) Hexachlorobutadiene	15.198	225	13154	10.389	ug/l	95
95) Naphthalene	15.328	128	39277	9.578	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	20159	9.893	ug/l	97

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

