

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101124\
 Data File : VD079961.D
 Acq On : 11 Oct 2024 10:29
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Oct 14 02:48:44 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	146547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	246539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	224295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	9502	5.700	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.400%#		
35) Dibromofluoromethane	7.805	113	9768	5.489	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.980%#		
50) Toluene-d8	10.269	98	30268	4.773	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.540%#		
62) 4-Bromofluorobenzene	12.569	95	10645	4.809	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.620%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	8830	6.130	ug/l	84
3) Chloromethane	2.152	50	8951	6.051	ug/l	97
4) Vinyl Chloride	2.287	62	10566	5.744	ug/l	95
5) Bromomethane	2.693	94	10327	6.526	ug/l	98
6) Chloroethane	2.834	64	7485	5.961	ug/l	92
7) Trichlorofluoromethane	3.175	101	16789	5.826	ug/l	96
8) Diethyl Ether	3.599	74	4321	5.459	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.969	101	11125	6.286	ug/l	93
10) Methyl Iodide	4.169	142	8137	4.688	ug/l	96
11) Tert butyl alcohol	5.058	59	2829	27.619	ug/l #	94
12) 1,1-Dichloroethene	3.940	96	8690	5.519	ug/l	90
13) Acrolein	3.805	56	3297m	30.158	ug/l	
14) Allyl chloride	4.569	41	12293	5.256	ug/l	91
15) Acrylonitrile	5.252	53	10468	27.676	ug/l	96
16) Acetone	4.028	43	12205	28.246	ug/l	97
17) Carbon Disulfide	4.275	76	23706	5.401	ug/l #	94
18) Methyl Acetate	4.564	43	5341	5.758	ug/l	96
19) Methyl tert-butyl Ether	5.305	73	19121	5.258	ug/l #	88
20) Methylene Chloride	4.811	84	14934	4.488	ug/l	97
21) trans-1,2-Dichloroethene	5.305	96	9017	5.333	ug/l	85
22) Diisopropyl ether	6.228	45	26544	5.233	ug/l #	90
23) Vinyl Acetate	6.158	43	71004	24.915	ug/l	100
24) 1,1-Dichloroethane	6.116	63	19217	5.751	ug/l #	92
25) 2-Butanone	7.087	43	15338	29.151	ug/l	97
26) 2,2-Dichloropropane	7.075	77	17110	5.918	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	11436	5.439	ug/l	92
28) Bromochloromethane	7.422	49	8822	6.185	ug/l	99
29) Tetrahydrofuran	7.452	42	7451	26.478	ug/l	98
30) Chloroform	7.593	83	20683	5.843	ug/l	99
31) Cyclohexane	7.881	56	15026	5.932	ug/l #	73
32) 1,1,1-Trichloroethane	7.793	97	16637	5.674	ug/l	92
36) 1,1-Dichloropropene	8.016	75	12775	5.357	ug/l	98
37) Ethyl Acetate	7.175	43	6299	5.456	ug/l #	95
38) Carbon Tetrachloride	7.987	117	14773	5.574	ug/l	97
39) Methylcyclohexane	9.281	83	13346	4.987	ug/l #	91
40) Benzene	8.252	78	40517	5.372	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	3202	5.281	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	12015	5.793	ug/l	87
43) Isopropyl Acetate	8.363	43	12059	5.669	ug/l #	86
44) Trichloroethene	9.028	130	10086	5.406	ug/l	82
45) 1,2-Dichloropropane	9.304	63	10481	5.480	ug/l	91
46) Dibromomethane	9.399	93	5817	5.513	ug/l	98
47) Bromodichloromethane	9.587	83	15769	5.635	ug/l #	96
48) Methyl methacrylate	9.381	41	4788	4.997	ug/l	95
49) 1,4-Dioxane	9.393	88	1177	101.509	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	27688	25.442	ug/l	95
52) Toluene	10.334	92	22510	4.875	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	12736	5.197	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	14929	5.163	ug/l	92
55) 1,1,2-Trichloroethane	10.728	97	8022	5.412	ug/l	92
56) Ethyl methacrylate	10.598	69	7751	4.476	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	12688	5.304	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	13845	21.607	ug/l	96
59) 2-Hexanone	10.922	43	20164	25.017	ug/l	99
60) Dibromochloromethane	11.075	129	10435	5.418	ug/l	99
61) 1,2-Dibromoethane	11.175	107	7591	5.565	ug/l	95
64) Tetrachloroethene	10.810	164	8582	5.425	ug/l #	85
65) Chlorobenzene	11.604	112	28724	5.503	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	10175	5.426	ug/l	94
67) Ethyl Benzene	11.681	91	43370	4.912	ug/l	99
68) m/p-Xylenes	11.793	106	32330	9.542	ug/l	97
69) o-Xylene	12.122	106	15299	4.880	ug/l	94
70) Styrene	12.134	104	26200	4.697	ug/l	97
71) Bromoform	12.298	173	6457	5.725	ug/l #	97
73) Isopropylbenzene	12.422	105	40318	5.127	ug/l	98
74) N-amyl acetate	12.228	43	9895	5.203	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	9187	5.762	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	7649m	6.234	ug/l	
77) Bromobenzene	12.698	156	11615	5.710	ug/l	94
78) n-propylbenzene	12.763	91	49389	5.052	ug/l	98
79) 2-Chlorotoluene	12.845	91	29511	5.196	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	33333	5.030	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	3081	5.392	ug/l	91
82) 4-Chlorotoluene	12.951	91	31487	5.160	ug/l	95
83) tert-Butylbenzene	13.163	119	28485	5.015	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	31814	4.781	ug/l	95
85) sec-Butylbenzene	13.340	105	42231	4.838	ug/l	98
86) p-Isopropyltoluene	13.457	119	35260	4.842	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	22886	5.499	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	24101	5.796	ug/l	96
89) n-Butylbenzene	13.787	91	36729	5.214	ug/l	95
90) Hexachloroethane	14.051	117	9316	5.787	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	19930	5.482	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.434	75	1621	6.089	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	11867	5.208	ug/l	99
94) Hexachlorobutadiene	15.198	225	6649	5.299	ug/l	95
95) Naphthalene	15.328	128	20324	5.002	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.516	180	11252	5.572	ug/l	93

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

