

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078274.D
 Acq On : 30 Jan 2024 12:05
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2024
 Supervised By : Mahesh Dadoda 01/31/2024

Quant Time: Jan 31 00:35:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	127131	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	227999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	213756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	155218	98.626	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 197.260%#			
35) Dibromofluoromethane	7.810	113	159249	98.109	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 196.220%#			
50) Toluene-d8	10.269	98	634619	103.266	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 206.540%#			
62) 4-Bromofluorobenzene	12.575	95	192190	104.429	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 208.860%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	115598	89.830	ug/l	99
3) Chloromethane	2.152	50	208991	79.025	ug/l	100
4) Vinyl Chloride	2.287	62	284453	81.540	ug/l	99
5) Bromomethane	2.687	94	163242	77.295	ug/l	97
6) Chloroethane	2.834	64	196408	81.513	ug/l	99
7) Trichlorofluoromethane	3.175	101	238650	80.803	ug/l	98
8) Diethyl Ether	3.599	74	78634	90.001	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.969	101	147005	81.103	ug/l	94
10) Methyl Iodide	4.169	142	154459	93.679	ug/l	# 89
11) Tert butyl alcohol	5.069	59	43329	431.622	ug/l	98
12) 1,1-Dichloroethene	3.940	96	147317	84.231	ug/l	# 79
13) Acrolein	3.799	56	59332	507.119	ug/l	93
14) Allyl chloride	4.563	41	203102	88.079	ug/l	# 90
15) Acrylonitrile	5.257	53	170727	442.085	ug/l	99
16) Acetone	4.028	43	162422	452.172	ug/l	# 86
17) Carbon Disulfide	4.275	76	486765	82.442	ug/l	100
18) Methyl Acetate	4.569	43	81363	96.995	ug/l	93
19) Methyl tert-butyl Ether	5.328	73	334991	92.099	ug/l	99
20) Methylene Chloride	4.805	84	169524	91.257	ug/l	# 84
21) trans-1,2-Dichloroethene	5.316	96	170161	86.049	ug/l	92
22) Diisopropyl ether	6.222	45	441580	89.998	ug/l	95
23) Vinyl Acetate	6.157	43	1367009	456.658	ug/l	# 91
24) 1,1-Dichloroethane	6.116	63	287208	84.554	ug/l	98
25) 2-Butanone	7.081	43	225113	429.262	ug/l	# 86
26) 2,2-Dichloropropane	7.081	77	236029	85.066	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	191237	87.256	ug/l	93
28) Bromochloromethane	7.434	49	120738	99.659	ug/l	# 76
29) Tetrahydrofuran	7.446	42	128975	459.727	ug/l	86
30) Chloroform	7.599	83	293696	84.566	ug/l	99
31) Cyclohexane	7.881	56	238784	81.013	ug/l	94
32) 1,1,1-Trichloroethane	7.798	97	256800	85.798	ug/l	98
36) 1,1-Dichloropropene	8.010	75	231147	85.875	ug/l	96
37) Ethyl Acetate	7.169	43	90710	87.561	ug/l	# 90
38) Carbon Tetrachloride	7.998	117	224806	84.941	ug/l	97
39) Methylcyclohexane	9.275	83	282583	88.796	ug/l	94
40) Benzene	8.251	78	676205	86.100	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	47930	86.057	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	173824	85.335	ug/l	95
43) Isopropyl Acetate	8.363	43	170428	91.753	ug/l	90
44) Trichloroethene	9.028	130	167870	87.046	ug/l	95
45) 1,2-Dichloropropane	9.304	63	164521	85.678	ug/l	100
46) Dibromomethane	9.398	93	92768	87.072	ug/l #	87
47) Bromodichloromethane	9.587	83	226606	86.449	ug/l	98
48) Methyl methacrylate	9.381	41	83785	94.396	ug/l #	80
49) 1,4-Dioxane	9.387	88	20943	1752.348	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	466228	463.990	ug/l	89
52) Toluene	10.334	92	428139	89.875	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	223520	91.292	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	265687	91.660	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	126769	91.180	ug/l	97
56) Ethyl methacrylate	10.598	69	151376	95.991	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	216846	90.455	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	419116	584.423	ug/l	94
59) 2-Hexanone	10.922	43	341477	451.233	ug/l	89
60) Dibromochloromethane	11.075	129	145506	90.157	ug/l	95
61) 1,2-Dibromoethane	11.181	107	120635	91.902	ug/l	95
64) Tetrachloroethene	10.810	164	127759	85.694	ug/l #	84
65) Chlorobenzene	11.610	112	439903	86.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	158189	86.880	ug/l	98
67) Ethyl Benzene	11.687	91	838456	90.513	ug/l	94
68) m/p-Xylenes	11.792	106	649114	182.138	ug/l	89
69) o-Xylene	12.122	106	299723	91.513	ug/l	88
70) Styrene	12.134	104	521638	93.262	ug/l	96
71) Bromoform	12.304	173	81854	91.278	ug/l #	99
73) Isopropylbenzene	12.422	105	786188	87.234	ug/l	94
74) N-amyl acetate	12.234	43	167149	89.674	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	141652	81.389	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	98214m	88.217	ug/l	
77) Bromobenzene	12.704	156	168429	84.925	ug/l	84
78) n-propylbenzene	12.763	91	981907	87.462	ug/l	94
79) 2-Chlorotoluene	12.851	91	511927	85.182	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	650455	88.717	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	47948	85.652	ug/l	94
82) 4-Chlorotoluene	12.945	91	543630	84.849	ug/l	94
83) tert-Butylbenzene	13.169	119	560077	89.526	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	670377	90.374	ug/l	94
85) sec-Butylbenzene	13.345	105	858665	87.453	ug/l	94
86) p-Isopropyltoluene	13.457	119	732489	91.083	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	364707	88.516	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	345771	84.819	ug/l	98
89) n-Butylbenzene	13.786	91	700512	89.391	ug/l	97
90) Hexachloroethane	14.051	117	136528	84.997	ug/l	84
91) 1,2-Dichlorobenzene	13.833	146	304543	86.398	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	20712	84.894	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	186599	91.521	ug/l	96
94) Hexachlorobutadiene	15.204	225	85286	85.365	ug/l	99
95) Naphthalene	15.333	128	387229	95.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	164437	91.598	ug/l	98

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

