

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078275.D
 Acq On : 30 Jan 2024 12:32
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 00:36:13 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	136503	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	234861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	221310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	244519	144.701	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	289.400%#	
35) Dibromofluoromethane	7.810	113	252245	150.861	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	301.720%#	
50) Toluene-d8	10.269	98	1008804	159.358	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	318.720%#	
62) 4-Bromofluorobenzene	12.575	95	303131	159.897	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	319.800%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	210852	155.691	ug/l	95
3) Chloromethane	2.152	50	374495	131.885	ug/l	98
4) Vinyl Chloride	2.281	62	518943	138.545	ug/l	99
5) Bromomethane	2.670	94	341371	150.542	ug/l	98
6) Chloroethane	2.828	64	365318	141.204	ug/l	99
7) Trichlorofluoromethane	3.170	101	444970	140.316	ug/l	100
8) Diethyl Ether	3.593	74	143037	152.473	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.964	101	273011	140.279	ug/l	94
10) Methyl Iodide	4.164	142	303823	171.617	ug/l	# 89
11) Tert butyl alcohol	5.069	59	79923	741.491	ug/l	99
12) 1,1-Dichloroethene	3.940	96	277002	147.507	ug/l	89
13) Acrolein	3.799	56	94102	752.316	ug/l	98
14) Allyl chloride	4.564	41	371936	150.223	ug/l	90
15) Acrylonitrile	5.258	53	314993	759.650	ug/l	99
16) Acetone	4.028	43	295596	777.290	ug/l	87
17) Carbon Disulfide	4.269	76	882292	139.171	ug/l	100
18) Methyl Acetate	4.564	43	149227	165.684	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	626132	160.323	ug/l	99
20) Methylene Chloride	4.805	84	305624	155.270	ug/l	# 84
21) trans-1,2-Dichloroethene	5.311	96	311893	146.893	ug/l	93
22) Diisopropyl ether	6.222	45	803953	152.602	ug/l	94
23) Vinyl Acetate	6.158	43	2529355	786.935	ug/l	# 92
24) 1,1-Dichloroethane	6.111	63	528561	144.925	ug/l	96
25) 2-Butanone	7.081	43	414786	736.641	ug/l	# 86
26) 2,2-Dichloropropane	7.075	77	452137	151.764	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	359156	152.622	ug/l	93
28) Bromochloromethane	7.428	49	192415	147.918	ug/l	# 78
29) Tetrahydrofuran	7.446	42	233736	775.943	ug/l	88
30) Chloroform	7.599	83	541966	145.337	ug/l	98
31) Cyclohexane	7.881	56	440576	139.214	ug/l	92
32) 1,1,1-Trichloroethane	7.799	97	479595	149.233	ug/l	98
36) 1,1-Dichloropropene	8.010	75	436643	157.481	ug/l	96
37) Ethyl Acetate	7.169	43	164881	154.507	ug/l	# 93
38) Carbon Tetrachloride	7.993	117	425530	156.086	ug/l	97
39) Methylcyclohexane	9.275	83	536469	163.649	ug/l	93
40) Benzene	8.252	78	1258263	155.532	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	88017	153.415	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	318871	151.969	ug/l	94
43) Isopropyl Acetate	8.363	43	315101	164.684	ug/l #	89
44) Trichloroethene	9.028	130	312481	157.298	ug/l	87
45) 1,2-Dichloropropane	9.305	63	304378	153.880	ug/l	99
46) Dibromomethane	9.393	93	169313	154.274	ug/l	88
47) Bromodichloromethane	9.587	83	418049	154.823	ug/l	97
48) Methyl methacrylate	9.381	41	153977	168.409	ug/l #	80
49) 1,4-Dioxane	9.387	88	40097	3256.982	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	846983	818.289	ug/l	90
52) Toluene	10.334	92	805460	164.142	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	423348	167.856	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	490833	164.386	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	228299	159.409	ug/l	98
56) Ethyl methacrylate	10.599	69	284409	175.082	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	393303	159.269	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	642731	870.050	ug/l	94
59) 2-Hexanone	10.922	43	626045	803.096	ug/l	90
60) Dibromochloromethane	11.075	129	272966	164.190	ug/l	97
61) 1,2-Dibromoethane	11.181	107	216435	160.067	ug/l	99
64) Tetrachloroethene	10.810	164	247488	160.335	ug/l #	85
65) Chlorobenzene	11.610	112	826372	156.077	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	310634	164.782	ug/l	95
67) Ethyl Benzene	11.687	91	1630732	170.031	ug/l	96
68) m/p-Xylenes	11.793	106	1253917	339.832	ug/l	88
69) o-Xylene	12.122	106	590786	174.225	ug/l	90
70) Styrene	12.134	104	1012812	174.897	ug/l	97
71) Bromoform	12.298	173	152758	164.532	ug/l #	99
73) Isopropylbenzene	12.422	105	1510714	161.811	ug/l	95
74) N-amyl acetate	12.234	43	312740	161.962	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	263593	146.198	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	173650m	150.563	ug/l	
77) Bromobenzene	12.698	156	316254	153.929	ug/l	83
78) n-propylbenzene	12.763	91	1863506	160.230	ug/l	95
79) 2-Chlorotoluene	12.851	91	969103	155.660	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	1251410	164.761	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	90513	156.080	ug/l	97
82) 4-Chlorotoluene	12.945	91	1036073	156.100	ug/l	94
83) tert-Butylbenzene	13.163	119	1083737	167.221	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	1288480	167.674	ug/l	95
85) sec-Butylbenzene	13.345	105	1638372	161.076	ug/l	96
86) p-Isopropyltoluene	13.457	119	1440109	172.862	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	699222	163.818	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	649447	153.786	ug/l	98
89) n-Butylbenzene	13.787	91	1336403	164.620	ug/l	98
90) Hexachloroethane	14.051	117	258800	155.529	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	568898	155.796	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	37694	149.140	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	356815	168.936	ug/l	96
94) Hexachlorobutadiene	15.204	225	168570	162.874	ug/l	99
95) Naphthalene	15.334	128	746938	177.366	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	308266	165.759	ug/l	98

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

