

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080025.D
 Acq On : 15 Nov 2024 12:18
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 15 16:10:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:08:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/18/2024
 Supervised By :Semsettin Yesilyurt 11/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	221376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	344352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	317754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	166794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	347158	152.310	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 304.620%#			
35) Dibromofluoromethane	7.804	113	365575	159.516	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 319.040%#			
50) Toluene-d8	10.269	98	1438917	166.586	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 333.180%#			
62) 4-Bromofluorobenzene	12.569	95	478859	168.974	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 337.940%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	264686	148.975	ug/l	97
3) Chloromethane	2.146	50	170375	130.398	ug/l	96
4) Vinyl Chloride	2.281	62	192789	129.247	ug/l	99
5) Bromomethane	2.669	94	196455	146.841	ug/l	99
6) Chloroethane	2.828	64	129394	121.359	ug/l	98
7) Trichlorofluoromethane	3.169	101	503283	137.370	ug/l	100
8) Diethyl Ether	3.593	74	175609	164.197	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.969	101	334103	145.982	ug/l	98
10) Methyl Iodide	4.163	142	482887	170.459	ug/l	96
11) Tert butyl alcohol	5.052	59	87262	732.606	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	351408	153.193	ug/l	94
13) Acrolein	3.793	56	199631	877.127	ug/l	98
14) Allyl chloride	4.558	41	522371	160.651	ug/l	96
15) Acrylonitrile	5.252	53	367058	772.549	ug/l	99
16) Acetone	4.022	43	413036	835.192	ug/l	98
17) Carbon Disulfide	4.269	76	1122269	151.938	ug/l	98
18) Methyl Acetate	4.563	43	165292	150.705	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	765741	163.628	ug/l	96
20) Methylene Chloride	4.805	84	381592	143.750	ug/l	98
21) trans-1,2-Dichloroethene	5.310	96	382577	150.866	ug/l	97
22) Diisopropyl ether	6.216	45	1043460	158.474	ug/l	97
23) Vinyl Acetate	6.152	43	3060849	811.376	ug/l	99
24) 1,1-Dichloroethane	6.110	63	645380	147.371	ug/l	99
25) 2-Butanone	7.081	43	503300	778.798	ug/l	98
26) 2,2-Dichloropropane	7.075	77	553285	145.347	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	450627	154.847	ug/l	98
28) Bromochloromethane	7.422	49	275355	141.290	ug/l #	92
29) Tetrahydrofuran	7.446	42	281886	796.293	ug/l	98
30) Chloroform	7.593	83	674259	146.143	ug/l	100
31) Cyclohexane	7.875	56	549994	148.182	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	575523	145.764	ug/l	98
36) 1,1-Dichloropropene	8.010	75	483352	154.240	ug/l	99
37) Ethyl Acetate	7.163	43	204212	151.608	ug/l	98
38) Carbon Tetrachloride	7.993	117	506324	147.881	ug/l	96
39) Methylcyclohexane	9.275	83	624424	167.362	ug/l	98
40) Benzene	8.251	78	1511558	154.746	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	116055	71.239	ug/l	95
42) 1,2-Dichloroethane	8.322	62	371202	146.841	ug/l	98
43) Isopropyl Acetate	8.357	43	388891	159.269	ug/l	100
44) Trichloroethene	9.028	130	383998	151.920	ug/l	98
45) 1,2-Dichloropropane	9.304	63	354943	151.206	ug/l	98
46) Dibromomethane	9.393	93	200861	147.112	ug/l	97
47) Bromodichloromethane	9.581	83	513563	150.272	ug/l	98
48) Methyl methacrylate	9.381	41	188276	161.517	ug/l	97
49) 1,4-Dioxane	9.387	88	43230	3451.477	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	996425	804.342	ug/l	99
52) Toluene	10.334	92	976028	160.791	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	486056	159.546	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	572950	158.854	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	271248	150.163	ug/l	98
56) Ethyl methacrylate	10.598	69	364866	173.706	ug/l	94
57) 1,3-Dichloropropane	10.881	76	454045	154.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	712742	897.165	ug/l	95
59) 2-Hexanone	10.922	43	746557	819.309	ug/l	95
60) Dibromochloromethane	11.069	129	360409	155.011	ug/l	99
61) 1,2-Dibromoethane	11.181	107	263889	154.944	ug/l	99
64) Tetrachloroethene	10.810	164	338630	149.648	ug/l	97
65) Chlorobenzene	11.604	112	1063606	153.447	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	370700	153.640	ug/l	97
67) Ethyl Benzene	11.681	91	1908343	164.082	ug/l	95
68) m/p-Xylenes	11.792	106	1487407	327.243	ug/l	97
69) o-Xylene	12.122	106	692154	169.407	ug/l	95
70) Styrene	12.134	104	1211907	166.184	ug/l	99
71) Bromoform	12.298	173	210245	147.789	ug/l #	98
73) Isopropylbenzene	12.422	105	1751890	162.871	ug/l	100
74) N-amyl acetate	12.234	43	377305	159.197	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	298492	144.396	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	194071m	75.932	ug/l	
77) Bromobenzene	12.698	156	438109	156.729	ug/l	97
78) n-propylbenzene	12.763	91	2141654	161.110	ug/l	99
79) 2-Chlorotoluene	12.845	91	1230210	157.812	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	1483510	162.962	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	112664	156.558	ug/l	96
82) 4-Chlorotoluene	12.945	91	1301823	156.214	ug/l	98
83) tert-Butylbenzene	13.163	119	1322689	167.764	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	1519971	166.208	ug/l	100
85) sec-Butylbenzene	13.345	105	1905911	163.541	ug/l	98
86) p-Isopropyltoluene	13.457	119	1661152	168.632	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	884500	156.258	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	843528	148.379	ug/l	99
89) n-Butylbenzene	13.786	91	1532671	165.382	ug/l	97
90) Hexachloroethane	14.051	117	320022	151.545	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	747568	151.457	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	46462	148.637	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	507254	163.889	ug/l	99
94) Hexachlorobutadiene	15.204	225	266007	159.018	ug/l	99
95) Naphthalene	15.328	128	921526	175.288	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	446072	164.113	ug/l	99

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

