

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060523\
 Data File : VD076327.D
 Acq On : 05 Jun 2023 15:20
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 06 02:27:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:19:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	249125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	391337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	352787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	177287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	301677	135.151	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 270.300%#			
35) Dibromofluoromethane	7.805	113	357960	144.063	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 288.120%#			
50) Toluene-d8	10.269	98	1502173	151.843	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 303.680%#			
62) 4-Bromofluorobenzene	12.575	95	410393	156.753	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 313.500%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	330093	136.824	ug/l	100
3) Chloromethane	2.146	50	611275	131.858	ug/l	100
4) Vinyl Chloride	2.275	62	822240	135.140	ug/l	99
5) Bromomethane	2.664	94	477793	121.035	ug/l	98
6) Chloroethane	2.822	64	524701	128.689	ug/l	99
7) Trichlorofluoromethane	3.164	101	568262	140.668	ug/l	97
8) Diethyl Ether	3.587	74	200069	151.822	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.952	101	365510	141.451	ug/l	98
10) Methyl Iodide	4.152	142	534898	148.748	ug/l	99
11) Tert butyl alcohol	5.064	59	92253	739.503	ug/l	99
12) 1,1-Dichloroethene	3.928	96	397886	145.051	ug/l	95
13) Acrolein	3.793	56	191312	704.887	ug/l	100
14) Allyl chloride	4.558	41	399237	148.123	ug/l	98
15) Acrylonitrile	5.246	53	390958	742.961	ug/l	99
16) Acetone	4.022	43	271154	663.218	ug/l	96
17) Carbon Disulfide	4.264	76	1270666	138.879	ug/l	99
18) Methyl Acetate	4.558	43	245647	141.682	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	786177	155.563	ug/l	100
20) Methylene Chloride	4.793	84	438546	150.946	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	451210	141.951	ug/l	97
22) Diisopropyl ether	6.211	45	909906	151.797	ug/l	99
23) Vinyl Acetate	6.152	43	1842018m	808.022	ug/l	
24) 1,1-Dichloroethane	6.111	63	677990	138.494	ug/l	98
25) 2-Butanone	7.081	43	423243	747.609	ug/l	97
26) 2,2-Dichloropropane	7.075	77	560995	138.388	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	503003	146.485	ug/l	99
28) Bromochloromethane	7.422	49	162704	150.413	ug/l	99
29) Tetrahydrofuran	7.446	42	265361	794.495	ug/l	99
30) Chloroform	7.593	83	686779	133.670	ug/l	97
31) Cyclohexane	7.875	56	542869	144.858	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	577763	141.213	ug/l	98
36) 1,1-Dichloropropene	8.005	75	553806	155.131	ug/l	100
37) Ethyl Acetate	7.163	43	178325	151.407	ug/l	99
38) Carbon Tetrachloride	7.987	117	482374	154.140	ug/l	99
39) Methylcyclohexane	9.269	83	695841	170.591	ug/l	98
40) Benzene	8.246	78	1678919	148.672	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	104650	174.397	ug/l	98
42) 1,2-Dichloroethane	8.322	62	374317	143.518	ug/l	99
43) Isopropyl Acetate	8.357	43	345067	163.476	ug/l	99
44) Trichloroethene	9.028	130	473140	149.841	ug/l	98
45) 1,2-Dichloropropane	9.304	63	394666	148.909	ug/l	99
46) Dibromomethane	9.393	93	218480	145.627	ug/l	97
47) Bromodichloromethane	9.581	83	516786	146.938	ug/l	98
48) Methyl methacrylate	9.381	41	161539	168.931	ug/l	94
49) 1,4-Dioxane	9.387	88	56061	3409.356	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	927634	833.738	ug/l	100
52) Toluene	10.334	92	1082108	155.820	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	514385	157.593	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	631757	156.625	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	303370	142.812	ug/l	96
56) Ethyl methacrylate	10.599	69	372231	171.807	ug/l	100
57) 1,3-Dichloropropane	10.881	76	507576	150.441	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	751345	825.958	ug/l	98
59) 2-Hexanone	10.922	43	651413	853.329	ug/l	100
60) Dibromochloromethane	11.075	129	354540	147.231	ug/l	96
61) 1,2-Dibromoethane	11.181	107	290534	150.308	ug/l	99
64) Tetrachloroethene	10.810	164	388651	153.801	ug/l	97
65) Chlorobenzene	11.610	112	1133820	150.002	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	384308	151.429	ug/l	98
67) Ethyl Benzene	11.681	91	2025569	166.283	ug/l	100
68) m/p-Xylenes	11.793	106	1649129	327.496	ug/l	98
69) o-Xylene	12.122	106	761291	167.682	ug/l	97
70) Styrene	12.134	104	1279575	164.343	ug/l	98
71) Bromoform	12.298	173	205202	149.873	ug/l #	100
73) Isopropylbenzene	12.422	105	1867687	164.560	ug/l	99
74) N-amyl acetate	12.234	43	336090	172.686	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	337588	148.587	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	270166m	157.177	ug/l	
77) Bromobenzene	12.698	156	450607	151.000	ug/l	96
78) n-propylbenzene	12.763	91	2279254	162.432	ug/l	99
79) 2-Chlorotoluene	12.851	91	1218795	159.236	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	1533358	163.840	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	113905	164.849	ug/l	94
82) 4-Chlorotoluene	12.945	91	1274710	156.416	ug/l	98
83) tert-Butylbenzene	13.169	119	1312776	167.276	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	1537574	164.499	ug/l	99
85) sec-Butylbenzene	13.345	105	1992983	165.099	ug/l	98
86) p-Isopropyltoluene	13.463	119	1687813	168.685	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	896749	149.069	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	869692	142.784	ug/l	99
89) n-Butylbenzene	13.787	91	1581818	170.091	ug/l	99
90) Hexachloroethane	14.057	117	304796	151.719	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	772986	148.003	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	44514	148.312	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	502099	165.404	ug/l	98
94) Hexachlorobutadiene	15.204	225	241056	162.415	ug/l	99
95) Naphthalene	15.334	128	997452	150.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	442398	164.797	ug/l	100

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

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