

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112921\
 Data File : VD071077.D
 Acq On : 29 Nov 2021 17:34
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 29 17:43:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 16:57:11 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	336922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	556997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	508939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	243095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	543640	150.563	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 301.120%#			
35) Dibromofluoromethane	7.914	113	487477	151.564	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 303.120%#			
50) Toluene-d8	10.338	98	1873576	150.050	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 300.100%#			
62) 4-Bromofluorobenzene	12.626	95	674233	150.515	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 301.040%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	414302	144.521	ug/l	97
3) Chloromethane	2.209	50	560256	160.964	ug/l	99
4) Vinyl Chloride	2.350	62	658606	191.437	ug/l	98
5) Bromomethane	2.756	94	461884	194.212	ug/l	100
6) Chloroethane	2.915	64	455072	202.300	ug/l	91
7) Trichlorofluoromethane	3.274	101	890453	165.985	ug/l	96
8) Diethyl Ether	3.709	74	260051	151.368	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.097	101	523326	159.333	ug/l	97
10) Methyl Iodide	4.303	142	638091	198.374	ug/l	97
11) Tert butyl alcohol	5.215	59	194598	738.889	ug/l	96
12) 1,1-Dichloroethene	4.068	96	484944	153.025	ug/l	84
13) Acrolein	3.921	56	219676	1882.990	ug/l	99
14) Allyl chloride	4.715	41	984351	150.830	ug/l #	80
15) Acrylonitrile	5.420	53	688149	842.736	ug/l	96
16) Acetone	4.150	43	893910	999.288	ug/l #	87
17) Carbon Disulfide	4.415	76	1388357	137.645	ug/l	98
18) Methyl Acetate	4.721	43	531582	177.430	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	1343829	165.400	ug/l	100
20) Methylene Chloride	4.968	84	568743	127.045	ug/l	88
21) trans-1,2-Dichloroethene	5.473	96	558762	153.811	ug/l	88
22) Diisopropyl ether	6.362	45	2057578	158.349	ug/l	90
23) Vinyl Acetate	6.303	43	5384717	866.589	ug/l	96
24) 1,1-Dichloroethane	6.262	63	1111379	157.769	ug/l	99
25) 2-Butanone	7.209	43	1028565	923.953	ug/l #	88
26) 2,2-Dichloropropane	7.209	77	994352	165.276	ug/l	95
27) cis-1,2-Dichloroethene	7.215	96	652134	156.367	ug/l	90
28) Bromochloromethane	7.544	49	441594	148.223	ug/l	90
29) Tetrahydrofuran	7.562	42	584985	831.672	ug/l	93
30) Chloroform	7.709	83	1110464	164.104	ug/l	97
31) Cyclohexane	7.985	56	982526	134.971	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	995798	169.909	ug/l	94
36) 1,1-Dichloropropene	8.109	75	848609	169.105	ug/l	97
37) Ethyl Acetate	7.291	43	407549	183.728	ug/l #	92
38) Carbon Tetrachloride	8.097	117	864310	184.556	ug/l	95
39) Methylcyclohexane	9.350	83	1012511	157.887	ug/l	99
40) Benzene	8.350	78	2347616	167.249	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	272165	182.015	ug/l #	70
42) 1,2-Dichloroethane	8.420	62	742713	185.510	ug/l	94
43) Isopropyl Acetate	8.450	43	827627	176.034	ug/l #	88
44) Trichloroethene	9.114	130	604665	165.923	ug/l	98
45) 1,2-Dichloropropane	9.385	63	620793	163.697	ug/l	98
46) Dibromomethane	9.473	93	333080	184.030	ug/l	94
47) Bromodichloromethane	9.661	83	861140	178.586	ug/l	98
48) Methyl methacrylate	9.450	41	409791	177.196	ug/l #	81
49) 1,4-Dioxane	9.461	88	67235	3287.538	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	2179577	953.595	ug/l	91
52) Toluene	10.403	92	1540107	173.338	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	852102	177.238	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	975426	171.546	ug/l #	81
55) 1,1,2-Trichloroethane	10.797	97	439558	177.555	ug/l	96
56) Ethyl methacrylate	10.656	69	617812	180.797	ug/l #	72
57) 1,3-Dichloropropane	10.944	76	783902	174.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	1460321	823.905	ug/l	100
59) 2-Hexanone	10.979	43	1658008	993.457	ug/l	88
60) Dibromochloromethane	11.138	129	567093	190.098	ug/l	100
61) 1,2-Dibromoethane	11.238	107	430800	179.471	ug/l	99
64) Tetrachloroethene	10.873	164	506883	167.787	ug/l	95
65) Chlorobenzene	11.667	112	1575855	172.056	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	603172	184.978	ug/l	97
67) Ethyl Benzene	11.738	91	3049411	175.625	ug/l	100
68) m/p-Xylenes	11.850	106	2303596	353.550	ug/l	95
69) o-Xylene	12.173	106	1092430	177.269	ug/l	95
70) Styrene	12.191	104	1888803	180.538	ug/l	96
71) Bromoform	12.355	173	326279	192.651	ug/l	100
73) Isopropylbenzene	12.473	105	2943219	166.977	ug/l	100
74) N-amyl acetate	12.279	43	816940	168.240	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.720	83	512814	171.803	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	390511m	187.556	ug/l	
77) Bromobenzene	12.755	156	630891	167.444	ug/l	94
78) n-propylbenzene	12.814	91	3655155	167.028	ug/l	100
79) 2-Chlorotoluene	12.902	91	2064451	166.248	ug/l	98
80) 1,3,5-Trimethylbenzene	12.950	105	2461878	169.045	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	168855	175.591	ug/l #	77
82) 4-Chlorotoluene	12.997	91	2168422	168.866	ug/l	98
83) tert-Butylbenzene	13.214	119	2066247	164.870	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	2423118	170.100	ug/l	97
85) sec-Butylbenzene	13.391	105	3135675	166.100	ug/l	99
86) p-Isopropyltoluene	13.508	119	2608978	171.460	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	1259942	169.868	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	1236624	166.753	ug/l	99
89) n-Butylbenzene	13.832	91	2521261	165.643	ug/l	99
90) Hexachloroethane	14.102	117	486125	162.704	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	1076423	168.755	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	84030	172.578	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	650073	159.343	ug/l	98
94) Hexachlorobutadiene	15.249	225	350565	167.349	ug/l	99
95) Naphthalene	15.385	128	1295180	169.501	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	553787	161.806	ug/l	98

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

