

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112921\
 Data File : VD071072.D
 Acq On : 29 Nov 2021 15:18
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Nov 29 16:57:47 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

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	326907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	556673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	491649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	215638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	20577	5.873	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.740%#		
35) Dibromofluoromethane	7.914	113	18299	5.693	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.380%#		
50) Toluene-d8	10.338	98	75375	6.040	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	12.080%#		
62) 4-Bromofluorobenzene	12.626	95	24960	5.575	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	11.160%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	15739	5.658	ug/l	91
3) Chloromethane	2.209	50	21469	6.357	ug/l	95
4) Vinyl Chloride	2.356	62	21141	6.333	ug/l	100
5) Bromomethane	2.773	94	17933	7.771	ug/l	89
6) Chloroethane	2.932	64	14899	6.826	ug/l	93
7) Trichlorofluoromethane	3.279	101	31037	5.963	ug/l	91
8) Diethyl Ether	3.709	74	7703	4.621	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.109	101	18723	5.875	ug/l	99
10) Methyl Iodide	4.315	142	13898	4.453	ug/l	96
11) Tert butyl alcohol	5.191	59	23049	90.198	ug/l #	78
12) 1,1-Dichloroethene	4.073	96	16654	5.416	ug/l	85
13) Acrolein	3.926	56	5912	52.228	ug/l	95
14) Allyl chloride	4.726	41	30519	4.820	ug/l #	82
15) Acrylonitrile	5.415	53	17045	21.514	ug/l	99
16) Acetone	4.156	43	26985	31.090	ug/l	92
17) Carbon Disulfide	4.420	76	50554	5.166	ug/l #	94
18) Methyl Acetate	4.726	43	14106	4.852	ug/l	98
19) Methyl tert-butyl Ether	5.467	73	36352m	4.611	ug/l	
20) Methylene Chloride	4.967	84	42410	9.764	ug/l #	87
21) trans-1,2-Dichloroethene	5.479	96	19008	5.393	ug/l	85
22) Diisopropyl ether	6.362	45	58561	4.645	ug/l #	93
23) Vinyl Acetate	6.309	43	119192	19.770	ug/l	96
24) 1,1-Dichloroethane	6.267	63	35100	5.135	ug/l	96
25) 2-Butanone	7.209	43	25677	23.772	ug/l #	87
26) 2,2-Dichloropropane	7.209	77	33532	5.744	ug/l	94
27) cis-1,2-Dichloroethene	7.214	96	20468	5.058	ug/l	89
28) Bromochloromethane	7.550	49	14130	4.888	ug/l #	84
29) Tetrahydrofuran	7.561	42	13881	20.339	ug/l	92
30) Chloroform	7.708	83	34743	5.292	ug/l	90
31) Cyclohexane	7.979	56	41088	5.817	ug/l #	78
32) 1,1,1-Trichloroethane	7.903	97	31831	5.598	ug/l #	92
36) 1,1-Dichloropropene	8.114	75	28245	5.632	ug/l	96
37) Ethyl Acetate	7.291	43	11549	5.209	ug/l #	75
38) Carbon Tetrachloride	8.091	117	25823	5.517	ug/l	98
39) Methylcyclohexane	9.355	83	34827	5.434	ug/l	86
40) Benzene	8.350	78	74942	5.342	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	6221	4.163	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	20966	5.240	ug/l	91
43) Isopropyl Acetate	8.450	43	20077	4.273	ug/l #	74
44) Trichloroethene	9.114	130	20626	5.663	ug/l	91
45) 1,2-Dichloropropane	9.385	63	18539	4.891	ug/l	99
46) Dibromomethane	9.473	93	9628	5.323	ug/l	89
47) Bromodichloromethane	9.661	83	26236	5.444	ug/l	97
48) Methyl methacrylate	9.450	41	10034	4.341	ug/l #	77
49) 1,4-Dioxane	9.461	88	1586	77.595	ug/l #	64
51) 4-Methyl-2-Pentanone	10.226	43	48553	21.255	ug/l	91
52) Toluene	10.402	92	45746	5.152	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	22392	4.660	ug/l	92
54) cis-1,3-Dichloropropene	10.085	75	27690	4.873	ug/l #	77
55) 1,1,2-Trichloroethane	10.797	97	12757	5.156	ug/l	97
56) Ethyl methacrylate	10.655	69	14298	4.187	ug/l #	75
57) 1,3-Dichloropropane	10.944	76	21396	4.773	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	39985	22.572	ug/l	96
59) 2-Hexanone	10.979	43	36475	21.868	ug/l	88
60) Dibromochloromethane	11.132	129	15212	5.102	ug/l	99
61) 1,2-Dibromoethane	11.238	107	11811	4.923	ug/l	95
64) Tetrachloroethene	10.867	164	18117	6.208	ug/l	86
65) Chlorobenzene	11.667	112	48321	5.461	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	16521	5.245	ug/l	95
67) Ethyl Benzene	11.738	91	89244	5.321	ug/l	99
68) m/p-Xylenes	11.844	106	66648	10.589	ug/l	99
69) o-Xylene	12.173	106	30838	5.180	ug/l	100
70) Styrene	12.191	104	49488	4.897	ug/l	96
71) Bromoform	12.355	173	8162	4.989	ug/l #	96
73) Isopropylbenzene	12.473	105	82718	5.290	ug/l	100
74) N-amyl acetate	12.285	43	16979	3.942	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	12283	4.639	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	10136m	5.488	ug/l	
77) Bromobenzene	12.755	156	18088	5.412	ug/l	97
78) n-propylbenzene	12.808	91	103118	5.312	ug/l	99
79) 2-Chlorotoluene	12.896	91	58694	5.328	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	66924	5.180	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	3584	4.202	ug/l #	77
82) 4-Chlorotoluene	12.996	91	59987	5.266	ug/l	99
83) tert-Butylbenzene	13.214	119	61147	5.500	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	62677	4.960	ug/l	100
85) sec-Butylbenzene	13.391	105	90784	5.421	ug/l	99
86) p-Isopropyltoluene	13.508	119	73349	5.434	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	35108	5.336	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	35597	5.411	ug/l	93
89) n-Butylbenzene	13.832	91	70357	5.211	ug/l	98
90) Hexachloroethane	14.096	117	13307	5.021	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	29778	5.263	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.491	75	1895	4.387	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	18709	5.170	ug/l	98
94) Hexachlorobutadiene	15.249	225	11437	6.155	ug/l	96
95) Naphthalene	15.385	128	29173	4.304	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	16620	5.474	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

