

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073891.D
 Acq On : 21 Jul 2022 12:25
 Operator : VA/SY
 Sample : VD0721SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

Quant Time: Jul 22 01:18:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	142322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	233725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	213343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	109382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	85780	50.474	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.940%			
35) Dibromofluoromethane	7.909	113	88954	53.948	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.900%			
50) Toluene-d8	10.332	98	317714	53.078	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.160%			
62) 4-Bromofluorobenzene	12.614	95	110515	53.699	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	31118	22.824	ug/l	97
3) Chloromethane	2.209	50	52973	21.979	ug/l	100
4) Vinyl Chloride	2.344	62	68523	20.890	ug/l	99
5) Bromomethane	2.744	94	37122	16.743	ug/l	97
6) Chloroethane	2.909	64	43931	19.870	ug/l	98
7) Trichlorofluoromethane	3.256	101	64824	22.100	ug/l	95
8) Diethyl Ether	3.703	74	14774	20.533	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.085	101	35862	22.034	ug/l	97
10) Methyl Iodide	4.291	142	32695	20.392	ug/l	97
11) Tert butyl alcohol	5.232	59	10411	89.211	ug/l #	87
12) 1,1-Dichloroethene	4.062	96	32092	22.189	ug/l	87
13) Acrolein	3.921	56	7453	94.476	ug/l	99
14) Allyl chloride	4.709	41	41157	19.496	ug/l #	85
15) Acrylonitrile	5.409	53	32079	109.236	ug/l	97
16) Acetone	4.156	43	25520	91.513	ug/l	100
17) Carbon Disulfide	4.397	76	95275	20.616	ug/l	97
18) Methyl Acetate	4.720	43	16663	23.601	ug/l #	86
19) Methyl tert-butyl Ether	5.473	73	75019	21.655	ug/l	92
20) Methylene Chloride	4.956	84	59941	24.377	ug/l #	84
21) trans-1,2-Dichloroethene	5.468	96	37150	21.728	ug/l #	82
22) Diisopropyl ether	6.362	45	93425	20.796	ug/l #	92
23) Vinyl Acetate	6.297	43	249335m	101.681	ug/l	
24) 1,1-Dichloroethane	6.262	63	62301	20.996	ug/l	99
25) 2-Butanone	7.209	43	39946	100.922	ug/l	92
26) 2,2-Dichloropropane	7.203	77	58675	22.268	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	40480	21.030	ug/l	89
28) Bromochloromethane	7.538	49	21627	19.426	ug/l #	73
29) Tetrahydrofuran	7.556	42	26317	109.651	ug/l #	88
30) Chloroform	7.703	83	68624	21.011	ug/l	98
31) Cyclohexane	7.979	56	55349	20.497	ug/l #	84
32) 1,1,1-Trichloroethane	7.891	97	64511	21.230	ug/l	97
36) 1,1-Dichloropropene	8.103	75	52142	21.920	ug/l	96
37) Ethyl Acetate	7.285	43	20542	24.016	ug/l	97
38) Carbon Tetrachloride	8.091	117	56210	20.691	ug/l	96
39) Methylcyclohexane	9.350	83	59454	21.442	ug/l	94
40) Benzene	8.344	78	136156	21.039	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	11957	22.496	ug/l #	89
42) 1,2-Dichloroethane	8.414	62	43273	21.847	ug/l	99
43) Isopropyl Acetate	8.444	43	38182	22.338	ug/l #	92
44) Trichloroethene	9.103	130	40440	22.390	ug/l	97
45) 1,2-Dichloropropane	9.379	63	34347	21.957	ug/l	93
46) Dibromomethane	9.461	93	21693	22.863	ug/l	98
47) Bromodichloromethane	9.656	83	53067	21.601	ug/l #	100
48) Methyl methacrylate	9.444	41	17141	20.454	ug/l #	77
49) 1,4-Dioxane	9.450	88	4255	428.588	ug/l	89
51) 4-Methyl-2-Pentanone	10.220	43	93888	109.871	ug/l	95
52) Toluene	10.391	92	95252	21.869	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	47086	21.711	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	52932	21.093	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	26811	22.214	ug/l	97
56) Ethyl methacrylate	10.650	69	31037	22.212	ug/l	88
57) 1,3-Dichloropropane	10.938	76	45210	22.025	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	51334	68.704	ug/l	91
59) 2-Hexanone	10.973	43	64400	110.293	ug/l	94
60) Dibromochloromethane	11.126	129	35591	21.768	ug/l	99
61) 1,2-Dibromoethane	11.232	107	27850	22.806	ug/l	97
64) Tetrachloroethene	10.867	164	36932	25.956	ug/l	98
65) Chlorobenzene	11.661	112	99561	22.659	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	37246	22.305	ug/l	97
67) Ethyl Benzene	11.732	91	175389	21.619	ug/l	98
68) m/p-Xylenes	11.844	106	137408	43.333	ug/l	98
69) o-Xylene	12.167	106	64842	21.841	ug/l	92
70) Styrene	12.179	104	111251	21.919	ug/l	97
71) Bromoform	12.344	173	20064	22.205	ug/l #	99
73) Isopropylbenzene	12.467	105	171869	20.745	ug/l	99
74) N-amyl acetate	12.273	43	35374	21.647	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	30705	21.443	ug/l	97
76) 1,2,3-Trichloropropane	12.761	75	20971m	17.869	ug/l	
77) Bromobenzene	12.744	156	40196	21.832	ug/l	86
78) n-propylbenzene	12.808	91	211197	20.897	ug/l	97
79) 2-Chlorotoluene	12.891	91	119635	21.101	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	146806	21.022	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	9036	20.776	ug/l	95
82) 4-Chlorotoluene	12.991	91	126238	21.055	ug/l	96
83) tert-Butylbenzene	13.208	119	125384	20.999	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	148270	21.316	ug/l	99
85) sec-Butylbenzene	13.385	105	190806	21.192	ug/l	99
86) p-Isopropyltoluene	13.502	119	159039	20.978	ug/l	98
87) 1,3-Dichlorobenzene	13.496	146	83910	21.763	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	83848	22.000	ug/l	99
89) n-Butylbenzene	13.826	91	151555	21.055	ug/l	99
90) Hexachloroethane	14.096	117	27559	18.396	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	72949	21.899	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	4876	20.278	ug/l	81
93) 1,2,4-Trichlorobenzene	15.138	180	42060	20.682	ug/l	96
94) Hexachlorobutadiene	15.243	225	24253	22.503	ug/l	93
95) Naphthalene	15.379	128	80164	21.930	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	37793	21.858	ug/l	98

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

