

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073762.D
 Acq On : 01 Jul 2022 14:06
 Operator : VA/SY
 Sample : VD0701SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0701SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/05/2022
 Supervised By :Semsettin Yesilyurt 07/05/2022

Quant Time: Jul 05 05:06:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 04:59:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	161222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	317018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	283734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	129709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	78508	49.917	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.840%		
35) Dibromofluoromethane	7.903	113	81190	47.144	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.280%		
50) Toluene-d8	10.332	98	271646	43.000	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	86.000%		
62) 4-Bromofluorobenzene	12.620	95	111883	44.903	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	22392	22.515	ug/l	94
3) Chloromethane	2.209	50	26459	23.712	ug/l	96
4) Vinyl Chloride	2.344	62	30555	24.229	ug/l	95
5) Bromomethane	2.738	94	21586	27.264	ug/l	92
6) Chloroethane	2.903	64	22614	24.673	ug/l	95
7) Trichlorofluoromethane	3.256	101	50263	21.829	ug/l	94
8) Diethyl Ether	3.703	74	17427	22.631	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.079	101	31010	20.311	ug/l	89
10) Methyl Iodide	4.291	142	23565	21.726	ug/l	97
11) Tert butyl alcohol	5.179	59	58524	151.083	ug/l #	100
12) 1,1-Dichloroethene	4.050	96	25936	19.819	ug/l #	80
13) Acrolein	3.920	56	11650	322.512	ug/l	97
14) Allyl chloride	4.703	41	47513	21.054	ug/l	97
15) Acrylonitrile	5.409	53	44204	105.412	ug/l	100
16) Acetone	4.156	43	34968	106.863	ug/l	93
17) Carbon Disulfide	4.397	76	47578	22.938	ug/l #	94
18) Methyl Acetate	4.720	43	25134	23.083	ug/l	97
19) Methyl tert-butyl Ether	5.467	73	93671	22.023	ug/l	97
20) Methylene Chloride	4.950	84	45256	24.091	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	31086	20.974	ug/l	98
22) Diisopropyl ether	6.356	45	125097	22.013	ug/l #	94
23) Vinyl Acetate	6.297	43	325637	113.277	ug/l	97
24) 1,1-Dichloroethane	6.250	63	68466	21.555	ug/l	96
25) 2-Butanone	7.208	43	55654	103.566	ug/l #	86
26) 2,2-Dichloropropane	7.203	77	62460	21.280	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	44031	22.029	ug/l	97
28) Bromochloromethane	7.532	49	27430	22.460	ug/l #	75
29) Tetrahydrofuran	7.561	42	36384	107.115	ug/l	95
30) Chloroform	7.697	83	74337	22.075	ug/l	98
31) Cyclohexane	7.973	56	49013	21.092	ug/l #	90
32) 1,1,1-Trichloroethane	7.897	97	62705	21.232	ug/l	98
36) 1,1-Dichloropropene	8.103	75	46669	19.517	ug/l	98
37) Ethyl Acetate	7.291	43	23725	18.821	ug/l #	92
38) Carbon Tetrachloride	8.085	117	50323	19.601	ug/l	100
39) Methylcyclohexane	9.350	83	52469	19.267	ug/l	98
40) Benzene	8.344	78	143524	20.321	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	16539	20.240	ug/l	97
42) 1,2-Dichloroethane	8.414	62	46624	21.902	ug/l	99
43) Isopropyl Acetate	8.444	43	52762	19.632	ug/l	95
44) Trichloroethene	9.102	130	37913	20.205	ug/l	99
45) 1,2-Dichloropropane	9.379	63	39771	19.787	ug/l	100
46) Dibromomethane	9.461	93	21829	20.696	ug/l #	85
47) Bromodichloromethane	9.650	83	59864	20.979	ug/l #	95
48) Methyl methacrylate	9.450	41	22089	18.320	ug/l #	86
49) 1,4-Dioxane	9.455	88	5629	397.071	ug/l #	81
51) 4-Methyl-2-Pentanone	10.220	43	133980	97.936	ug/l	97
52) Toluene	10.397	92	93150	19.772	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	55352	19.743	ug/l	94
54) cis-1,3-Dichloropropene	10.079	75	63708	20.074	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	31020	19.672	ug/l	95
56) Ethyl methacrylate	10.649	69	40201	19.225	ug/l	90
57) 1,3-Dichloropropane	10.932	76	55291	20.832	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.932	63	76721	90.513	ug/l	92
59) 2-Hexanone	10.973	43	92042	98.735	ug/l	95
60) Dibromochloromethane	11.132	129	39261	20.505	ug/l	98
61) 1,2-Dibromoethane	11.238	107	28658	19.672	ug/l	94
64) Tetrachloroethene	10.867	164	27910	19.243	ug/l #	91
65) Chlorobenzene	11.661	112	107506	20.531	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.732	131	41056	20.796	ug/l	97
67) Ethyl Benzene	11.732	91	190954	19.854	ug/l	98
68) m/p-Xylenes	11.844	106	145875	39.869	ug/l	99
69) o-Xylene	12.167	106	71355	19.922	ug/l	98
70) Styrene	12.185	104	121182	19.756	ug/l	98
71) Bromoform	12.349	173	20169	19.587	ug/l #	99
73) Isopropylbenzene	12.467	105	187537	19.084	ug/l	100
74) N-amyl acetate	12.273	43	54605	20.466	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	39396	20.113	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	26581m	21.443	ug/l	
77) Bromobenzene	12.749	156	40716	20.224	ug/l	90
78) n-propylbenzene	12.808	91	234614	19.075	ug/l	97
79) 2-Chlorotoluene	12.896	91	133049	19.382	ug/l	95
80) 1,3,5-Trimethylbenzene	12.943	105	158304	19.369	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	11966	18.622	ug/l	95
82) 4-Chlorotoluene	12.991	91	142450	20.014	ug/l	98
83) tert-Butylbenzene	13.208	119	137822	19.056	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	158743	19.654	ug/l	98
85) sec-Butylbenzene	13.385	105	211814	18.930	ug/l	96
86) p-Isopropyltoluene	13.502	119	171352	19.111	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	86619	20.644	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	82830	19.807	ug/l	96
89) n-Butylbenzene	13.826	91	172244	19.034	ug/l	98
90) Hexachloroethane	14.096	117	34250	19.323	ug/l	85
91) 1,2-Dichlorobenzene	13.873	146	74033	19.948	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.490	75	5941	18.413	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	42624	19.256	ug/l	97
94) Hexachlorobutadiene	15.249	225	20775	18.909	ug/l	99
95) Naphthalene	15.379	128	92127	18.774	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	37721	19.593	ug/l	97

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ALS Vial : 6 Sample Multiplier: 1

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

