

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040822\
 Data File : VD072556.D
 Acq On : 08 Apr 2022 13:04
 Operator : VA/SY
 Sample : VD0408SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0408SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/11/2022
 Supervised By :Semsettin Yesilyurt 04/11/2022

Quant Time: Apr 09 00:35:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	372009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	610988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	571961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	303572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	219879	48.860	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.720%		
35) Dibromofluoromethane	7.908	113	242305	51.030	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.060%		
50) Toluene-d8	10.332	98	816135	49.447	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.900%		
62) 4-Bromofluorobenzene	12.620	95	323839	50.239	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	51531	17.454	ug/l	98
3) Chloromethane	2.209	50	42106	15.419	ug/l	97
4) Vinyl Chloride	2.350	62	45190	15.074	ug/l	97
5) Bromomethane	2.738	94	34788	16.532	ug/l #	79
6) Chloroethane	2.909	64	33876	16.843	ug/l	95
7) Trichlorofluoromethane	3.267	101	116517	18.182	ug/l	95
8) Diethyl Ether	3.709	74	34442	18.086	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.085	101	82236	19.242	ug/l	97
10) Methyl Iodide	4.297	142	53731	16.212	ug/l	96
11) Tert butyl alcohol	5.226	59	28488	119.874	ug/l	100
12) 1,1-Dichloroethene	4.067	96	57597	17.238	ug/l	86
13) Acrolein	3.920	56	12695	120.377	ug/l	88
14) Allyl chloride	4.709	41	95257	16.996	ug/l #	91
15) Acrylonitrile	5.414	53	93272	97.935	ug/l	99
16) Acetone	4.150	43	84625	100.848	ug/l	95
17) Carbon Disulfide	4.409	76	73937	13.102	ug/l	100
18) Methyl Acetate	4.709	43	55662	23.545	ug/l #	89
19) Methyl tert-butyl Ether	5.473	73	194708	19.965	ug/l	97
20) Methylene Chloride	4.961	84	107137	21.446	ug/l #	84
21) trans-1,2-Dichloroethene	5.473	96	64271	16.276	ug/l	82
22) Diisopropyl ether	6.361	45	268024	19.965	ug/l #	94
23) Vinyl Acetate	6.303	43	597548	86.964	ug/l #	91
24) 1,1-Dichloroethane	6.261	63	157686	19.493	ug/l	100
25) 2-Butanone	7.208	43	118556	102.156	ug/l #	81
26) 2,2-Dichloropropane	7.202	77	141481	19.691	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	94810	18.688	ug/l	90
28) Bromochloromethane	7.544	49	73876	21.314	ug/l #	72
29) Tetrahydrofuran	7.561	42	68837	98.244	ug/l	90
30) Chloroform	7.708	83	185924	20.432	ug/l	99
31) Cyclohexane	7.979	56	90584	15.394	ug/l #	80
32) 1,1,1-Trichloroethane	7.902	97	148080	19.186	ug/l	95
36) 1,1-Dichloropropene	8.108	75	98081	16.925	ug/l	96
37) Ethyl Acetate	7.285	43	50318	20.000	ug/l #	93
38) Carbon Tetrachloride	8.091	117	125592	19.199	ug/l	93
39) Methylcyclohexane	9.349	83	97916	15.936	ug/l	91
40) Benzene	8.344	78	310719	18.738	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	30472	21.695	ug/l #	86
42) 1,2-Dichloroethane	8.414	62	97041	19.146	ug/l	95
43) Isopropyl Acetate	8.444	43	98885	20.490	ug/l #	90
44) Trichloroethene	9.108	130	87992	18.691	ug/l	90
45) 1,2-Dichloropropane	9.385	63	92824	20.123	ug/l	92
46) Dibromomethane	9.473	93	46935	19.393	ug/l	94
47) Bromodichloromethane	9.655	83	147800	21.257	ug/l	97
48) Methyl methacrylate	9.449	41	46844	19.993	ug/l #	88
49) 1,4-Dioxane	9.455	88	11927	414.289	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	271000	104.651	ug/l	90
52) Toluene	10.396	92	210897	19.144	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	124233	20.505	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	141654	19.775	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	81679	22.262	ug/l	97
56) Ethyl methacrylate	10.655	69	83587	19.278	ug/l #	84
57) 1,3-Dichloropropane	10.938	76	125884	20.754	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	217249	119.933	ug/l	94
59) 2-Hexanone	10.979	43	186004	105.627	ug/l	94
60) Dibromochloromethane	11.132	129	102210	21.596	ug/l	99
61) 1,2-Dibromoethane	11.238	107	68916	21.155	ug/l	99
64) Tetrachloroethene	10.867	164	72074	19.287	ug/l	96
65) Chlorobenzene	11.661	112	255419	19.974	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	109114	21.343	ug/l	99
67) Ethyl Benzene	11.738	91	421718	18.900	ug/l	98
68) m/p-Xylenes	11.843	106	331927	39.211	ug/l	99
69) o-Xylene	12.173	106	158504	19.407	ug/l	98
70) Styrene	12.185	104	290692	20.195	ug/l	96
71) Bromoform	12.349	173	59280	21.872	ug/l #	97
73) Isopropylbenzene	12.467	105	452520	18.458	ug/l	98
74) N-amyl acetate	12.279	43	97924	19.036	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	93592	20.154	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	70695m	21.352	ug/l	
77) Bromobenzene	12.749	156	109839	19.988	ug/l	90
78) n-propylbenzene	12.808	91	564396	19.083	ug/l	100
79) 2-Chlorotoluene	12.896	91	331866	19.187	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	401077	19.101	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	26140	19.373	ug/l	92
82) 4-Chlorotoluene	12.996	91	353173	19.605	ug/l	99
83) tert-Butylbenzene	13.214	119	354464	19.500	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	402319	19.594	ug/l	100
85) sec-Butylbenzene	13.390	105	534580	19.524	ug/l	99
86) p-Isopropyltoluene	13.502	119	439146	19.622	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	231420	20.324	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	227891	19.857	ug/l	98
89) n-Butylbenzene	13.832	91	410904	19.273	ug/l	99
90) Hexachloroethane	14.096	117	93315	20.367	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	206928	20.604	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	15485	22.547	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	126803	20.369	ug/l	99
94) Hexachlorobutadiene	15.249	225	74397	21.336	ug/l	99
95) Naphthalene	15.384	128	229477	18.971	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	111690	20.557	ug/l	98

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

