

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073464.D
 Acq On : 02 Jun 2022 11:31
 Operator : VA/SY
 Sample : VD0602SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0602SBS01

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 06/03/2022
 Supervised By : Semsettin Yesilyurt 06/03/2022

Quant Time: Jun 03 01:28:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	328182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	542351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	518073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	262111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	161593	44.554	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.100%		
35) Dibromofluoromethane	7.909	113	174578	48.781	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.560%		
50) Toluene-d8	10.332	98	622010	47.149	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.300%		
62) 4-Bromofluorobenzene	12.620	95	231355	49.972	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	58507	17.841	ug/l	99
3) Chloromethane	2.209	50	57457	15.495	ug/l	98
4) Vinyl Chloride	2.344	62	53789	15.863	ug/l	96
5) Bromomethane	2.750	94	41813	16.534	ug/l	95
6) Chloroethane	2.915	64	35902	17.224	ug/l	91
7) Trichlorofluoromethane	3.268	101	112439	18.754	ug/l	93
8) Diethyl Ether	3.709	74	28366	17.218	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	68190	19.062	ug/l	95
10) Methyl Iodide	4.297	142	56575	14.658	ug/l	99
11) Tert butyl alcohol	5.197	59	32300m	57.401	ug/l	
12) 1,1-Dichloroethene	4.062	96	59187	17.946	ug/l	79
13) Acrolein	3.920	56	15492	55.937	ug/l	98
14) Allyl chloride	4.709	41	86112	16.175	ug/l #	89
15) Acrylonitrile	5.420	53	70342	93.371	ug/l	97
16) Acetone	4.150	43	51221	81.535	ug/l #	81
17) Carbon Disulfide	4.409	76	164608	15.055	ug/l	97
18) Methyl Acetate	4.715	43	35140	20.116	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	138269	18.402	ug/l	95
20) Methylene Chloride	4.962	84	86056	19.132	ug/l	84
21) trans-1,2-Dichloroethene	5.467	96	70801	17.755	ug/l	90
22) Diisopropyl ether	6.356	45	201168	18.026	ug/l	95
23) Vinyl Acetate	6.303	43	493447	82.893	ug/l #	90
24) 1,1-Dichloroethane	6.256	63	130564	18.226	ug/l	96
25) 2-Butanone	7.203	43	82127	89.356	ug/l	93
26) 2,2-Dichloropropane	7.203	77	110981	18.167	ug/l	81
27) cis-1,2-Dichloroethene	7.203	96	79446	18.005	ug/l	90
28) Bromochloromethane	7.538	49	38843	15.739	ug/l #	76
29) Tetrahydrofuran	7.556	42	53732	90.412	ug/l	96
30) Chloroform	7.703	83	140180	18.744	ug/l	100
31) Cyclohexane	7.979	56	106596	16.818	ug/l #	79
32) 1,1,1-Trichloroethane	7.903	97	121715	18.608	ug/l	96
36) 1,1-Dichloropropene	8.108	75	98435	18.288	ug/l	96
37) Ethyl Acetate	7.285	43	38095	17.918	ug/l #	95
38) Carbon Tetrachloride	8.091	117	108254	19.841	ug/l	95
39) Methylcyclohexane	9.350	83	106716	17.790	ug/l	93
40) Benzene	8.344	78	289427	18.658	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	19027	15.361	ug/l #	78
42) 1,2-Dichloroethane	8.414	62	81834	18.959	ug/l	96
43) Isopropyl Acetate	8.444	43	72005	18.323	ug/l #	92
44) Trichloroethene	9.108	130	80200	19.388	ug/l	91
45) 1,2-Dichloropropane	9.379	63	73326	18.770	ug/l	91
46) Dibromomethane	9.467	93	41069	19.141	ug/l	93
47) Bromodichloromethane	9.655	83	105802	19.272	ug/l	98
48) Methyl methacrylate	9.450	41	34498	17.449	ug/l #	84
49) 1,4-Dioxane	9.455	88	8312	375.136	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	188454	92.334	ug/l	94
52) Toluene	10.397	92	191910	19.578	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	93867	18.926	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	108837	18.338	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	56706	19.545	ug/l	92
56) Ethyl methacrylate	10.650	69	59618	18.481	ug/l #	83
57) 1,3-Dichloropropane	10.932	76	93851	19.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	138254	104.027	ug/l	95
59) 2-Hexanone	10.973	43	126479	93.994	ug/l	96
60) Dibromochloromethane	11.132	129	73909	20.429	ug/l	97
61) 1,2-Dibromoethane	11.238	107	54528	19.668	ug/l	99
64) Tetrachloroethene	10.867	164	67277	19.827	ug/l	94
65) Chlorobenzene	11.661	112	207032	19.480	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	77100	19.560	ug/l	98
67) Ethyl Benzene	11.738	91	355832	19.072	ug/l	97
68) m/p-Xylenes	11.844	106	285355	39.367	ug/l	99
69) o-Xylene	12.173	106	128954	19.365	ug/l	94
70) Styrene	12.185	104	227042	19.818	ug/l	96
71) Bromoform	12.349	173	40392	19.911	ug/l #	98
73) Isopropylbenzene	12.467	105	346675	18.553	ug/l	100
74) N-amyl acetate	12.279	43	68292	16.753	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.714	83	63038	18.292	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	46429m	18.053	ug/l	
77) Bromobenzene	12.749	156	82185	18.684	ug/l	92
78) n-propylbenzene	12.808	91	443320	18.898	ug/l	99
79) 2-Chlorotoluene	12.896	91	254833	18.814	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	308900	19.515	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	19047	17.780	ug/l	90
82) 4-Chlorotoluene	12.991	91	269589	18.989	ug/l	99
83) tert-Butylbenzene	13.208	119	246292	18.462	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	305626	19.545	ug/l	100
85) sec-Butylbenzene	13.385	105	395082	19.396	ug/l	99
86) p-Isopropyltoluene	13.502	119	324453	19.540	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	173276	19.544	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	171493	19.162	ug/l	99
89) n-Butylbenzene	13.826	91	302658	19.130	ug/l	99
90) Hexachloroethane	14.096	117	64523	18.780	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	146364	19.080	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	9548	18.092	ug/l	82
93) 1,2,4-Trichlorobenzene	15.143	180	85929	19.730	ug/l	99
94) Hexachlorobutadiene	15.249	225	51057	20.804	ug/l	99
95) Naphthalene	15.385	128	140769	18.791	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	75509	19.557	ug/l	100

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

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