

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033122\
 Data File : VD072492.D
 Acq On : 31 Mar 2022 16:17
 Operator : VA/SY
 Sample : VD0331SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0331SBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/01/2022
 Supervised By :Semsettin Yesilyurt 04/01/2022

Quant Time: Apr 01 02:50:52 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	390447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	637482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	585105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	313175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217498	46.049	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.100%		
35) Dibromofluoromethane	7.914	113	236676	47.773	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.540%		
50) Toluene-d8	10.332	98	835382	48.510	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.020%		
62) 4-Bromofluorobenzene	12.626	95	320806	47.700	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	55477	17.903	ug/l	97
3) Chloromethane	2.209	50	42978	14.995	ug/l	99
4) Vinyl Chloride	2.344	62	47429	15.074	ug/l	99
5) Bromomethane	2.756	94	33827	15.316	ug/l	100
6) Chloroethane	2.915	64	34855	16.511	ug/l	97
7) Trichlorofluoromethane	3.268	101	121412	18.051	ug/l	96
8) Diethyl Ether	3.703	74	31842	15.931	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.091	101	83208	18.550	ug/l	99
10) Methyl Iodide	4.297	142	50079	14.814	ug/l	99
11) Tert butyl alcohol	5.226	59	22885	91.750	ug/l #	95
12) 1,1-Dichloroethene	4.062	96	57752	16.468	ug/l	84
13) Acrolein	3.926	56	26270	237.335	ug/l	97
14) Allyl chloride	4.715	41	86808	14.906	ug/l #	90
15) Acrylonitrile	5.426	53	87760	87.796	ug/l	94
16) Acetone	4.156	43	78460	89.086	ug/l	94
17) Carbon Disulfide	4.409	76	75584	12.856	ug/l	99
18) Methyl Acetate	4.720	43	46518	18.748	ug/l #	84
19) Methyl tert-butyl Ether	5.473	73	173649	16.965	ug/l	93
20) Methylene Chloride	4.962	84	83369	15.900	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	63716	15.415	ug/l #	79
22) Diisopropyl ether	6.361	45	242285	17.196	ug/l #	91
23) Vinyl Acetate	6.303	43	525200m	73.848	ug/l	
24) 1,1-Dichloroethane	6.261	63	147660	17.391	ug/l	100
25) 2-Butanone	7.203	43	105544	86.649	ug/l	99
26) 2,2-Dichloropropane	7.203	77	134474	17.832	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	88516	16.624	ug/l	92
28) Bromochloromethane	7.544	49	55991	15.391	ug/l #	75
29) Tetrahydrofuran	7.567	42	55610	75.619	ug/l #	84
30) Chloroform	7.708	83	175218	18.346	ug/l	98
31) Cyclohexane	7.979	56	91059	14.744	ug/l #	77
32) 1,1,1-Trichloroethane	7.897	97	151384	18.688	ug/l	94
36) 1,1-Dichloropropene	8.108	75	98811	16.381	ug/l	95
37) Ethyl Acetate	7.291	43	43346	16.512	ug/l #	95
38) Carbon Tetrachloride	8.091	117	125016	18.317	ug/l	99
39) Methylcyclohexane	9.350	83	98216	15.431	ug/l	96
40) Benzene	8.344	78	301882	17.448	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	23387	16.397	ug/l #	74
42) 1,2-Dichloroethane	8.420	62	92086	17.413	ug/l	94
43) Isopropyl Acetate	8.450	43	84928	16.866	ug/l #	89
44) Trichloroethene	9.108	130	88316	17.980	ug/l	90
45) 1,2-Dichloropropane	9.385	63	86214	17.913	ug/l	96
46) Dibromomethane	9.467	93	44494	17.621	ug/l	96
47) Bromodichloromethane	9.655	83	138004	19.024	ug/l	97
48) Methyl methacrylate	9.450	41	38505	15.751	ug/l #	77
49) 1,4-Dioxane	9.455	88	10527	350.463	ug/l #	91
51) 4-Methyl-2-Pentanone	10.226	43	239116	88.501	ug/l	93
52) Toluene	10.397	92	206121	17.933	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	111999	17.717	ug/l #	89
54) cis-1,3-Dichloropropene	10.085	75	131380	17.578	ug/l #	86
55) 1,1,2-Trichloroethane	10.797	97	74078	19.351	ug/l	96
56) Ethyl methacrylate	10.655	69	73695	16.474	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	114527	18.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	189489	100.260	ug/l	93
59) 2-Hexanone	10.979	43	167546	91.191	ug/l	93
60) Dibromochloromethane	11.132	129	94888	19.216	ug/l	100
61) 1,2-Dibromoethane	11.238	107	61981	18.236	ug/l	99
64) Tetrachloroethene	10.873	164	71462	18.693	ug/l	98
65) Chlorobenzene	11.661	112	241484	18.460	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	102435	19.586	ug/l	99
67) Ethyl Benzene	11.738	91	414371	18.154	ug/l	100
68) m/p-Xylenes	11.844	106	314451	36.312	ug/l	99
69) o-Xylene	12.173	106	150946	18.066	ug/l	99
70) Styrene	12.185	104	274340	18.631	ug/l	98
71) Bromoform	12.349	173	55100	19.873	ug/l #	99
73) Isopropylbenzene	12.467	105	444286	17.566	ug/l	100
74) N-amyl acetate	12.279	43	85469	16.105	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	87527	18.270	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	64153m	18.782	ug/l	
77) Bromobenzene	12.749	156	100432	17.716	ug/l	93
78) n-propylbenzene	12.814	91	547491	17.944	ug/l	98
79) 2-Chlorotoluene	12.896	91	322808	18.091	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	394366	18.206	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	23978	17.226	ug/l	90
82) 4-Chlorotoluene	12.996	91	336213	18.092	ug/l	99
83) tert-Butylbenzene	13.214	119	341274	18.199	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	385825	18.215	ug/l	99
85) sec-Butylbenzene	13.391	105	530531	18.782	ug/l	99
86) p-Isopropyltoluene	13.508	119	422497	18.299	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	220500	18.771	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	217752	18.392	ug/l	99
89) n-Butylbenzene	13.832	91	407324	18.519	ug/l	100
90) Hexachloroethane	14.102	117	84554	17.889	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	195334	18.853	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	13172	18.591	ug/l	88
93) 1,2,4-Trichlorobenzene	15.149	180	119396	18.591	ug/l	99
94) Hexachlorobutadiene	15.249	225	72099	20.043	ug/l	98
95) Naphthalene	15.385	128	201711	16.165	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	105221	18.772	ug/l	98

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

