

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033122\
 Data File : VD072487.D
 Acq On : 31 Mar 2022 13:18
 Operator : VA/SY
 Sample : VD0331SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0331SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Apr 01 02:49:16 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	372895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	593756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	564734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	298403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	215077	47.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.360%
35) Dibromofluoromethane	7.914	113	225809	48.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.880%
50) Toluene-d8	10.338	98	770273	48.023	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.626	95	307299	49.056	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.120%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	55070	18.608	ug/l	100
3) Chloromethane	2.209	50	41917	15.313	ug/l	97
4) Vinyl Chloride	2.344	62	47535	15.772	ug/l	99
5) Bromomethane	2.750	94	34321	16.271	ug/l	97
6) Chloroethane	2.909	64	33356	16.545	ug/l	93
7) Trichlorofluoromethane	3.262	101	119554	18.612	ug/l	99
8) Diethyl Ether	3.709	74	33862	17.739	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.097	101	82382	19.230	ug/l	98
10) Methyl Iodide	4.297	142	50914	15.530	ug/l	99
11) Tert butyl alcohol	5.226	59	24615	103.331	ug/l #	87
12) 1,1-Dichloroethene	4.062	96	58830	17.565	ug/l #	78
13) Acrolein	3.915	56	182163	1723.207	ug/l	98
14) Allyl chloride	4.714	41	87509	15.671	ug/l #	94
15) Acrylonitrile	5.414	53	92206	96.585	ug/l	95
16) Acetone	4.150	43	92901	110.448	ug/l	96
17) Carbon Disulfide	4.403	76	75462	13.275	ug/l	95
18) Methyl Acetate	4.709	43	50655	21.376	ug/l #	88
19) Methyl tert-butyl Ether	5.479	73	189619	19.397	ug/l	97
20) Methylene Chloride	4.962	84	111367	22.240	ug/l #	80
21) trans-1,2-Dichloroethene	5.473	96	62107	15.717	ug/l #	82
22) Diisopropyl ether	6.361	45	246046	18.285	ug/l #	91
23) Vinyl Acetate	6.309	43	578323	84.183	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	151524	18.687	ug/l	98
25) 2-Butanone	7.208	43	118035	101.465	ug/l #	82
26) 2,2-Dichloropropane	7.197	77	134102	18.619	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	88451	17.394	ug/l	92
28) Bromochloromethane	7.544	49	59041	16.993	ug/l #	71
29) Tetrahydrofuran	7.567	42	64305	91.558	ug/l #	84
30) Chloroform	7.703	83	175619	19.253	ug/l	97
31) Cyclohexane	7.979	56	89758	15.218	ug/l #	83
32) 1,1,1-Trichloroethane	7.903	97	146336	18.915	ug/l	96
36) 1,1-Dichloropropene	8.108	75	95819	17.008	ug/l	94
37) Ethyl Acetate	7.291	43	47663	19.494	ug/l #	94
38) Carbon Tetrachloride	8.091	117	126310	19.870	ug/l	97
39) Methylcyclohexane	9.355	83	98265	16.362	ug/l	89
40) Benzene	8.350	78	297028	18.432	ug/l	100

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 esilyurt

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.520	41	27154	20.031	ug/l	#	78
42) 1,2-Dichloroethane	8.420	62	96436	19.578	ug/l		94
43) Isopropyl Acetate	8.444	43	92582	19.740	ug/l	#	92
44) Trichloroethene	9.108	130	84022	18.365	ug/l		95
45) 1,2-Dichloropropane	9.385	63	87309	19.476	ug/l		93
46) Dibromomethane	9.473	93	46318	19.694	ug/l		95
47) Bromodichloromethane	9.655	83	139569	20.656	ug/l		98
48) Methyl methacrylate	9.455	41	42921	18.850	ug/l	#	82
49) 1,4-Dioxane	9.461	88	11736	419.486	ug/l		98
51) 4-Methyl-2-Pentanone	10.220	43	263638	104.763	ug/l		91
52) Toluene	10.397	92	200445	18.723	ug/l		99
53) t-1,3-Dichloropropene	10.614	75	116842	19.844	ug/l		93
54) cis-1,3-Dichloropropene	10.085	75	134141	19.269	ug/l	#	84
55) 1,1,2-Trichloroethane	10.791	97	75744	21.243	ug/l		95
56) Ethyl methacrylate	10.655	69	81158	19.262	ug/l	#	84
57) 1,3-Dichloropropane	10.938	76	117170	19.878	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.938	63	234746	133.353	ug/l		94
59) 2-Hexanone	10.979	43	189766	110.891	ug/l		91
60) Dibromochloromethane	11.132	129	97572	21.214	ug/l		97
61) 1,2-Dibromoethane	11.238	107	64683	20.432	ug/l		98
64) Tetrachloroethene	10.873	164	68760	18.635	ug/l		86
65) Chlorobenzene	11.661	112	244606	19.373	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.732	131	103610	20.525	ug/l		99
67) Ethyl Benzene	11.738	91	404092	18.342	ug/l		98
68) m/p-Xylenes	11.849	106	319021	38.169	ug/l		100
69) o-Xylene	12.173	106	150211	18.627	ug/l		98
70) Styrene	12.185	104	278859	19.621	ug/l		98
71) Bromoform	12.349	173	57325	21.422	ug/l	#	99
73) Isopropylbenzene	12.473	105	438815	18.209	ug/l		99
74) N-amyl acetate	12.279	43	94246	18.639	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	93997	20.592	ug/l		98
76) 1,2,3-Trichloropropane	12.773	75	71841m	22.074	ug/l		
77) Bromobenzene	12.755	156	103153	19.097	ug/l		91
78) n-propylbenzene	12.808	91	540328	18.585	ug/l		98
79) 2-Chlorotoluene	12.896	91	319920	18.816	ug/l		98
80) 1,3,5-Trimethylbenzene	12.949	105	388841	18.839	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.520	75	25315	19.086	ug/l		91
82) 4-Chlorotoluene	12.996	91	337842	19.079	ug/l		99
83) tert-Butylbenzene	13.214	119	330256	18.483	ug/l		99
84) 1,2,4-Trimethylbenzene	13.261	105	388184	19.233	ug/l		100
85) sec-Butylbenzene	13.390	105	523008	19.432	ug/l		100
86) p-Isopropyltoluene	13.502	119	420831	19.129	ug/l		100
87) 1,3-Dichlorobenzene	13.508	146	216143	19.311	ug/l		99
88) 1,4-Dichlorobenzene	13.585	146	217483	19.279	ug/l		99
89) n-Butylbenzene	13.832	91	400821	19.126	ug/l		99
90) Hexachloroethane	14.096	117	87847	19.506	ug/l		97
91) 1,2-Dichlorobenzene	13.879	146	196343	19.889	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	14103	20.891	ug/l		91
93) 1,2,4-Trichlorobenzene	15.149	180	119788	19.576	ug/l		100
94) Hexachlorobutadiene	15.255	225	68155	19.884	ug/l		95
95) Naphthalene	15.384	128	219150	18.431	ug/l		99
96) 1,2,3-Trichlorobenzene	15.579	180	109521	20.507	ug/l		98

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

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