

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074104.D
 Acq On : 16 Aug 2022 16:25
 Operator : VA/SY
 Sample : VD0816SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816SBS01

Quant Time: Aug 16 17:42:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	127614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	209749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	199342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	105791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	52822	56.592	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.180%			
35) Dibromofluoromethane	7.903	113	65773	49.072	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.140%			
50) Toluene-d8	10.332	98	171221	42.074	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 84.140%			
62) 4-Bromofluorobenzene	12.620	95	84389	50.217	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	27704	25.815	ug/l	98
3) Chloromethane	2.209	50	35018	26.756	ug/l	93
4) Vinyl Chloride	2.344	62	48263	25.586	ug/l	92
5) Bromomethane	2.750	94	35664	23.694	ug/l	89
6) Chloroethane	2.909	64	39122	25.351	ug/l	94
7) Trichlorofluoromethane	3.262	101	52937	21.755	ug/l	96
8) Diethyl Ether	3.709	74	11578	20.685	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.085	101	29748	21.876	ug/l	94
10) Methyl Iodide	4.291	142	27359	21.904	ug/l	94
11) Tert butyl alcohol	5.226	59	8822	117.105	ug/l #	85
12) 1,1-Dichloroethene	4.062	96	23864	21.471	ug/l	86
13) Acrolein	3.921	56	5789	84.153	ug/l	96
14) Allyl chloride	4.709	41	30538	20.589	ug/l #	87
15) Acrylonitrile	5.420	53	26352	117.867	ug/l	98
16) Acetone	4.156	43	24674	98.543	ug/l	98
17) Carbon Disulfide	4.403	76	63970	23.097	ug/l	97
18) Methyl Acetate	4.709	43	13822	24.772	ug/l #	89
19) Methyl tert-butyl Ether	5.473	73	56063	21.757	ug/l	97
20) Methylene Chloride	4.950	84	43745	28.086	ug/l #	81
21) trans-1,2-Dichloroethene	5.468	96	28487	22.278	ug/l	82
22) Diisopropyl ether	6.356	45	72022	22.431	ug/l #	94
23) Vinyl Acetate	6.297	43	177189	107.700	ug/l #	93
24) 1,1-Dichloroethane	6.250	63	50843	22.906	ug/l	94
25) 2-Butanone	7.209	43	34572	105.990	ug/l #	84
26) 2,2-Dichloropropane	7.197	77	51211	22.254	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	31666	21.010	ug/l	90
28) Bromochloromethane	7.538	49	19311	23.311	ug/l #	78
29) Tetrahydrofuran	7.561	42	20565	115.370	ug/l #	87
30) Chloroform	7.697	83	60516	23.324	ug/l	98
31) Cyclohexane	7.973	56	37280	20.405	ug/l #	75
32) 1,1,1-Trichloroethane	7.891	97	54519	22.285	ug/l	96
36) 1,1-Dichloropropene	8.103	75	40339	22.068	ug/l	95
37) Ethyl Acetate	7.285	43	15400	21.245	ug/l	97
38) Carbon Tetrachloride	8.091	117	46426	22.007	ug/l	97
39) Methylcyclohexane	9.350	83	40556	20.124	ug/l	91
40) Benzene	8.338	78	116519	22.558	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	8544	23.325	ug/l #	87
42) 1,2-Dichloroethane	8.414	62	35365	22.664	ug/l	99
43) Isopropyl Acetate	8.444	43	29729	22.346	ug/l #	91
44) Trichloroethene	9.108	130	33300	22.017	ug/l	82
45) 1,2-Dichloropropane	9.379	63	27587	22.048	ug/l	91
46) Dibromomethane	9.461	93	18153	22.888	ug/l	95
47) Bromodichloromethane	9.656	83	45660	22.394	ug/l #	98
48) Methyl methacrylate	9.450	41	11519	18.938	ug/l #	69
49) 1,4-Dioxane	9.456	88	3616	468.653	ug/l	86
51) 4-Methyl-2-Pentanone	10.220	43	78396	115.098	ug/l	97
52) Toluene	10.397	92	73720	21.827	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	38351	22.068	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	42030	20.915	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	24158	22.887	ug/l	98
56) Ethyl methacrylate	10.650	69	23617	22.004	ug/l #	85
57) 1,3-Dichloropropane	10.932	76	37476	22.399	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	45302	109.951	ug/l	92
59) 2-Hexanone	10.973	43	53454	114.762	ug/l	100
60) Dibromochloromethane	11.126	129	31099	21.790	ug/l	99
61) 1,2-Dibromoethane	11.232	107	22252	21.708	ug/l	98
64) Tetrachloroethene	10.867	164	26224	20.793	ug/l	88
65) Chlorobenzene	11.655	112	82656	21.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	32254	21.044	ug/l	98
67) Ethyl Benzene	11.732	91	138782	20.788	ug/l	98
68) m/p-Xylenes	11.844	106	110292	41.148	ug/l	96
69) o-Xylene	12.167	106	50222	20.564	ug/l	93
70) Styrene	12.179	104	89372	20.989	ug/l	96
71) Bromoform	12.344	173	18503	23.042	ug/l #	95
73) Isopropylbenzene	12.467	105	135904	20.438	ug/l	98
74) N-amyl acetate	12.273	43	27006	21.152	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	27616	22.696	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	17902m	18.990	ug/l	
77) Bromobenzene	12.744	156	35105	21.863	ug/l	84
78) n-propylbenzene	12.808	91	170035	20.647	ug/l	99
79) 2-Chlorotoluene	12.891	91	97931	20.933	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	116793	20.576	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	7524	22.259	ug/l	87
82) 4-Chlorotoluene	12.991	91	102651	20.711	ug/l	95
83) tert-Butylbenzene	13.208	119	97521	19.412	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	117759	20.185	ug/l	97
85) sec-Butylbenzene	13.385	105	157038	20.346	ug/l	99
86) p-Isopropyltoluene	13.496	119	129189	20.069	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	69941	19.941	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	72176	20.541	ug/l	100
89) n-Butylbenzene	13.826	91	120791	19.587	ug/l	100
90) Hexachloroethane	14.091	117	26955	19.986	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	63269	20.198	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	4473	21.282	ug/l	95
93) 1,2,4-Trichlorobenzene	15.138	180	35369	17.592	ug/l	99
94) Hexachlorobutadiene	15.249	225	20530	17.044	ug/l	96
95) Naphthalene	15.379	128	61175	18.071	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	31340	17.631	ug/l	99

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

