

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103122\
 Data File : VD074693.D
 Acq On : 31 Oct 2022 17:31
 Operator : VA/SY
 Sample : VD1031SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1031SBS01

Quant Time: Nov 01 01:34:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	128833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	212642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	175181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	83776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54801	50.398	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.800%			
35) Dibromofluoromethane	7.804	113	67949	52.331	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.660%			
50) Toluene-d8	10.269	98	239544	47.972	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.940%			
62) 4-Bromofluorobenzene	12.575	95	70832	51.650	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	32601	29.344	ug/l	94
3) Chloromethane	2.146	50	44059	26.884	ug/l	98
4) Vinyl Chloride	2.281	62	47389	25.746	ug/l	99
5) Bromomethane	2.675	94	33969	24.221	ug/l	97
6) Chloroethane	2.828	64	32137	25.645	ug/l	100
7) Trichlorofluoromethane	3.169	101	57509	26.904	ug/l	99
8) Diethyl Ether	3.587	74	14871	23.457	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.969	101	35695	26.948	ug/l	97
10) Methyl Iodide	4.158	142	32810	21.835	ug/l	100
11) Tert butyl alcohol	5.046	59	15706	142.886	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	34409	24.523	ug/l	95
13) Acrolein	3.793	56	9193	95.919	ug/l	97
14) Allyl chloride	4.558	41	36660	25.151	ug/l	98
15) Acrylonitrile	5.257	53	29685	123.265	ug/l	99
16) Acetone	4.028	43	23622	118.713	ug/l	98
17) Carbon Disulfide	4.269	76	97163	22.809	ug/l	100
18) Methyl Acetate	4.558	43	16306	28.298	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	64256	23.867	ug/l	96
20) Methylene Chloride	4.799	84	54434	25.000	ug/l	91
21) trans-1,2-Dichloroethene	5.310	96	38756	24.856	ug/l	89
22) Diisopropyl ether	6.216	45	79237	25.827	ug/l	98
23) Vinyl Acetate	6.157	43	133182m	111.677	ug/l	
24) 1,1-Dichloroethane	6.116	63	58121	25.162	ug/l	96
25) 2-Butanone	7.087	43	35216	131.202	ug/l	92
26) 2,2-Dichloropropane	7.075	77	51397	25.459	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	41549	24.504	ug/l	98
28) Bromochloromethane	7.434	49	16254	20.508	ug/l	96
29) Tetrahydrofuran	7.440	42	20256	124.777	ug/l	93
30) Chloroform	7.599	83	63629	25.606	ug/l	99
31) Cyclohexane	7.881	56	48853	24.513	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	56589	25.936	ug/l	97
36) 1,1-Dichloropropene	8.010	75	47884	25.883	ug/l	99
37) Ethyl Acetate	7.169	43	15514	26.240	ug/l	97
38) Carbon Tetrachloride	7.993	117	44571	25.926	ug/l	97
39) Methylcyclohexane	9.275	83	53856	23.800	ug/l	96
40) Benzene	8.251	78	142298	25.218	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	9019	29.574	ug/l	90
42) 1,2-Dichloroethane	8.328	62	32476	24.442	ug/l	99
43) Isopropyl Acetate	8.363	43	27686	24.321	ug/l	98
44) Trichloroethene	9.028	130	41027	24.791	ug/l	97
45) 1,2-Dichloropropane	9.304	63	29407	23.371	ug/l	98
46) Dibromomethane	9.393	93	16169	22.008	ug/l	94
47) Bromodichloromethane	9.587	83	40442	22.848	ug/l	97
48) Methyl methacrylate	9.381	41	11621	23.023	ug/l	94
49) 1,4-Dioxane	9.381	88	3500	447.052	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	65284	118.699	ug/l	95
52) Toluene	10.334	92	84819	24.009	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	34522	22.753	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	44103	22.808	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	24095	24.048	ug/l	98
56) Ethyl methacrylate	10.598	69	25094	22.762	ug/l	96
57) 1,3-Dichloropropane	10.881	76	36698	23.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	18245	88.928	ug/l	99
59) 2-Hexanone	10.922	43	45275	121.565	ug/l	97
60) Dibromochloromethane	11.075	129	27401	22.982	ug/l	100
61) 1,2-Dibromoethane	11.181	107	21309	22.768	ug/l	98
64) Tetrachloroethene	10.810	164	31879	25.718	ug/l	93
65) Chlorobenzene	11.604	112	89298	25.151	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	29949	25.005	ug/l	99
67) Ethyl Benzene	11.681	91	159388	25.984	ug/l	97
68) m/p-Xylenes	11.792	106	125974	52.022	ug/l	99
69) o-Xylene	12.122	106	59269	26.574	ug/l	94
70) Styrene	12.134	104	99911	26.607	ug/l	99
71) Bromoform	12.298	173	15677	25.924	ug/l #	99
73) Isopropylbenzene	12.422	105	155398	26.013	ug/l	100
74) N-amyl acetate	12.234	43	24373	25.899	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	26208	26.377	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	16036m	24.474	ug/l	
77) Bromobenzene	12.698	156	35348	24.764	ug/l	97
78) n-propylbenzene	12.763	91	190171	26.529	ug/l	99
79) 2-Chlorotoluene	12.851	91	100222	25.610	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	127009	25.595	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	6042	24.405	ug/l	98
82) 4-Chlorotoluene	12.945	91	104952	25.976	ug/l	99
83) tert-Butylbenzene	13.169	119	113208	25.708	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	126135	25.761	ug/l	99
85) sec-Butylbenzene	13.345	105	169396	26.210	ug/l	100
86) p-Isopropyltoluene	13.457	119	141257	25.567	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	72895	24.681	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	71628	24.607	ug/l	99
89) n-Butylbenzene	13.786	91	133194	26.617	ug/l	99
90) Hexachloroethane	14.051	117	24052	25.520	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	62758	25.057	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3351	25.352	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	38576	23.998	ug/l	99
94) Hexachlorobutadiene	15.198	225	20256	24.695	ug/l	98
95) Naphthalene	15.328	128	68316	23.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	33266	24.039	ug/l	98

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

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