

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074797.D
 Acq On : 08 Nov 2022 11:54
 Operator : VA/SY
 Sample : VD1108SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022

Quant Time: Nov 08 14:48:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	150468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	244051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57045	47.867	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.740%		
35) Dibromofluoromethane	7.805	113	72124	49.959	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.920%		
50) Toluene-d8	10.269	98	240836	45.734	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.460%		
62) 4-Bromofluorobenzene	12.569	95	73331	48.229	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	23100	18.692	ug/l	99
3) Chloromethane	2.146	50	38344	19.443	ug/l	91
4) Vinyl Chloride	2.281	62	42330	19.573	ug/l	93
5) Bromomethane	2.681	94	35468	21.645	ug/l	99
6) Chloroethane	2.828	64	31860	21.254	ug/l	98
7) Trichlorofluoromethane	3.169	101	50937	20.273	ug/l	97
8) Diethyl Ether	3.593	74	14363	19.569	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	32438	20.324	ug/l	99
10) Methyl Iodide	4.158	142	29279	18.129	ug/l	97
11) Tert butyl alcohol	5.058	59	10811	2.800	ug/l	99
12) 1,1-Dichloroethene	3.934	96	30938	19.086	ug/l	93
13) Acrolein	3.799	56	8377	102.133	ug/l	99
14) Allyl chloride	4.558	41	32810	19.130	ug/l	100
15) Acrylonitrile	5.263	53	28569	98.500	ug/l	97
16) Acetone	4.016	43	26268	105.624	ug/l	99
17) Carbon Disulfide	4.269	76	91258	18.669	ug/l	97
18) Methyl Acetate	4.558	43	15151	20.146	ug/l	98
19) Methyl tert-butyl Ether	5.311	73	60181	19.521	ug/l	96
20) Methylene Chloride	4.799	84	45213	13.128	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	35595	19.979	ug/l	88
22) Diisopropyl ether	6.216	45	72481	20.475	ug/l	98
23) Vinyl Acetate	6.152	43	120685	80.186	ug/l	97
24) 1,1-Dichloroethane	6.110	63	56624	20.913	ug/l	96
25) 2-Butanone	7.081	43	35071	102.564	ug/l	99
26) 2,2-Dichloropropane	7.075	77	52044	20.890	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	39185	19.939	ug/l	99
28) Bromochloromethane	7.422	49	17272	20.214	ug/l	98
29) Tetrahydrofuran	7.446	42	18222	92.919	ug/l	98
30) Chloroform	7.593	83	60856	21.039	ug/l	95
31) Cyclohexane	7.875	56	43783	18.146	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	52284	20.461	ug/l	97
36) 1,1-Dichloropropene	8.005	75	45287	20.667	ug/l	99
37) Ethyl Acetate	7.163	43	14415	19.720	ug/l	97
38) Carbon Tetrachloride	7.993	117	42621	20.530	ug/l	98
39) Methylcyclohexane	9.269	83	48733	18.279	ug/l	92
40) Benzene	8.252	78	133125	20.554	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	7181	19.425	ug/l #	93
42) 1,2-Dichloroethane	8.328	62	33480	22.485	ug/l	98
43) Isopropyl Acetate	8.357	43	26979	19.835	ug/l	98
44) Trichloroethene	9.028	130	35572	19.277	ug/l	98
45) 1,2-Dichloropropane	9.304	63	27979	19.532	ug/l	89
46) Dibromomethane	9.393	93	16095	19.389	ug/l	92
47) Bromodichloromethane	9.581	83	39139	19.584	ug/l	94
48) Methyl methacrylate	9.381	41	11106	18.323	ug/l	94
49) 1,4-Dioxane	9.381	88	2991	357.280	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	61982	93.970	ug/l	97
52) Toluene	10.334	92	78641	19.831	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	33988	19.228	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	43201	19.477	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	22866	20.276	ug/l	93
56) Ethyl methacrylate	10.598	69	22989	18.233	ug/l	95
57) 1,3-Dichloropropane	10.881	76	35845	19.729	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	31550	113.193	ug/l	100
59) 2-Hexanone	10.922	43	43778	96.485	ug/l	99
60) Dibromochloromethane	11.069	129	26432	19.633	ug/l	99
61) 1,2-Dibromoethane	11.181	107	21408	20.144	ug/l	99
64) Tetrachloroethene	10.810	164	28979	20.552	ug/l	97
65) Chlorobenzene	11.604	112	84409	21.354	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	29148	21.734	ug/l	96
67) Ethyl Benzene	11.681	91	144519	20.631	ug/l	100
68) m/p-Xylenes	11.793	106	116914	42.041	ug/l	100
69) o-Xylene	12.122	106	52833	20.665	ug/l	98
70) Styrene	12.134	104	92854	21.437	ug/l	99
71) Bromoform	12.298	173	15061	20.970	ug/l #	95
73) Isopropylbenzene	12.422	105	141969	20.087	ug/l	100
74) N-amyl acetate	12.228	43	22320	19.442	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	25269	21.277	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	15456m	20.610	ug/l	
77) Bromobenzene	12.698	156	33712	20.715	ug/l	96
78) n-propylbenzene	12.763	91	174533	20.613	ug/l	98
79) 2-Chlorotoluene	12.845	91	94311	20.686	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	118399	20.533	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	6536	20.688	ug/l	91
82) 4-Chlorotoluene	12.945	91	98128	20.693	ug/l	99
83) tert-Butylbenzene	13.163	119	103220	20.312	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	117262	20.609	ug/l	98
85) sec-Butylbenzene	13.345	105	159125	20.755	ug/l	100
86) p-Isopropyltoluene	13.457	119	131412	20.352	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	69320	20.543	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	67967	20.489	ug/l	98
89) n-Butylbenzene	13.787	91	119377	20.215	ug/l	99
90) Hexachloroethane	14.051	117	23033	20.807	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	59298	20.631	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3288	20.028	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	34624	19.511	ug/l	97
94) Hexachlorobutadiene	15.204	225	18529	19.959	ug/l	98
95) Naphthalene	15.328	128	61943	18.173	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	29888	19.140	ug/l	95

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

