

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075099.D
 Acq On : 10 Jan 2023 11:43
 Operator : KP/SY
 Sample : VD0110SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

Quant Time: Jan 11 01:47:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	88392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	159450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	139020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	62582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48889	55.168	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.340%
35) Dibromofluoromethane	7.804	113	51006	50.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.700%
50) Toluene-d8	10.275	98	198376	49.883	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.575	95	64238	50.324	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	12407	28.214	ug/l	93
3) Chloromethane	2.146	50	17916	25.691	ug/l	99
4) Vinyl Chloride	2.281	62	19591	24.684	ug/l	99
5) Bromomethane	2.681	94	13250	26.085	ug/l	95
6) Chloroethane	2.828	64	14171	23.725	ug/l	93
7) Trichlorofluoromethane	3.175	101	27603	23.695	ug/l	97
8) Diethyl Ether	3.593	74	9505	23.510	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.963	101	18326	22.675	ug/l	97
10) Methyl Iodide	4.163	142	18881	23.141	ug/l	99
11) Tert butyl alcohol	5.040	59	8892	144.287	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	18017	24.039	ug/l	97
13) Acrolein	3.799	56	10370	133.472	ug/l	100
14) Allyl chloride	4.563	41	31480	24.535	ug/l	97
15) Acrylonitrile	5.257	53	24344	116.804	ug/l	99
16) Acetone	4.028	43	21699	103.342	ug/l	91
17) Carbon Disulfide	4.275	76	43060	31.338	ug/l #	94
18) Methyl Acetate	4.569	43	14863	25.987	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	44699	22.771	ug/l	98
20) Methylene Chloride	4.804	84	31695	24.575	ug/l	98
21) trans-1,2-Dichloroethene	5.310	96	20040	24.385	ug/l	96
22) Diisopropyl ether	6.216	45	63289	23.046	ug/l	96
23) Vinyl Acetate	6.163	43	99931	99.379	ug/l	95
24) 1,1-Dichloroethane	6.116	63	39616	23.988	ug/l	95
25) 2-Butanone	7.075	43	30544	109.815	ug/l	95
26) 2,2-Dichloropropane	7.081	77	34703	23.430	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	24714	23.819	ug/l	100
28) Bromochloromethane	7.434	49	12832	22.402	ug/l	95
29) Tetrahydrofuran	7.446	42	18385	117.493	ug/l	98
30) Chloroform	7.598	83	39736	23.744	ug/l	99
31) Cyclohexane	7.881	56	31670	26.288	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	32964	22.956	ug/l	99
36) 1,1-Dichloropropene	8.010	75	27798	22.401	ug/l	100
37) Ethyl Acetate	7.169	43	14996	22.358	ug/l #	93
38) Carbon Tetrachloride	7.993	117	23955	22.034	ug/l	93
39) Methylcyclohexane	9.275	83	34077	23.742	ug/l	96
40) Benzene	8.251	78	84066	22.706	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	8420	19.818	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	22516	21.700	ug/l	98
43) Isopropyl Acetate	8.363	43	25787	21.594	ug/l	98
44) Trichloroethene	9.028	130	22409	21.059	ug/l	100
45) 1,2-Dichloropropane	9.304	63	22033	21.839	ug/l	95
46) Dibromomethane	9.392	93	11196	21.958	ug/l	97
47) Bromodichloromethane	9.587	83	29300	22.005	ug/l	99
48) Methyl methacrylate	9.381	41	12444	23.128	ug/l	90
49) 1,4-Dioxane	9.387	88	2131	383.769	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	63463	105.244	ug/l	99
52) Toluene	10.334	92	53933	22.469	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	26527	21.798	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	33066	22.184	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	16013	21.563	ug/l	92
56) Ethyl methacrylate	10.598	69	19738	22.004	ug/l	98
57) 1,3-Dichloropropane	10.881	76	26971	21.863	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	38333	113.194	ug/l	99
59) 2-Hexanone	10.922	43	42889	101.681	ug/l	99
60) Dibromochloromethane	11.075	129	18788	21.367	ug/l	98
61) 1,2-Dibromoethane	11.181	107	14714	21.823	ug/l	98
64) Tetrachloroethene	10.810	164	17827	19.997	ug/l	92
65) Chlorobenzene	11.610	112	57148	21.840	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	18921	20.464	ug/l	96
67) Ethyl Benzene	11.686	91	101366	21.755	ug/l	96
68) m/p-Xylenes	11.792	106	79313	44.161	ug/l	97
69) o-Xylene	12.122	106	37644	21.626	ug/l	99
70) Styrene	12.139	104	62697	21.552	ug/l	99
71) Bromoform	12.298	173	10396	20.919	ug/l #	97
73) Isopropylbenzene	12.422	105	98935	21.144	ug/l	100
74) N-amyl acetate	12.239	43	22286	20.969	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	17794	22.189	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	12884m	21.576	ug/l	
77) Bromobenzene	12.704	156	22249	21.720	ug/l	97
78) n-propylbenzene	12.763	91	123150	21.944	ug/l	100
79) 2-Chlorotoluene	12.851	91	66715	21.632	ug/l	98
80) 1,3,5-Trimethylbenzene	12.910	105	80200	21.127	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	4627	20.578	ug/l	93
82) 4-Chlorotoluene	12.951	91	68467	21.672	ug/l	100
83) tert-Butylbenzene	13.169	119	70172	20.945	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	78342	21.355	ug/l	98
85) sec-Butylbenzene	13.345	105	107992	21.274	ug/l	100
86) p-Isopropyltoluene	13.463	119	87116	21.245	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	44060	21.603	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	42736	20.721	ug/l	96
89) n-Butylbenzene	13.792	91	85619	21.231	ug/l	98
90) Hexachloroethane	14.057	117	15352	21.479	ug/l	88
91) 1,2-Dichlorobenzene	13.833	146	39276	21.515	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2694	20.890	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	23852	20.207	ug/l	98
94) Hexachlorobutadiene	15.210	225	11344	19.278	ug/l	96
95) Naphthalene	15.333	128	49367	21.299	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	20213	19.824	ug/l	97

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

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