

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078369.D
 Acq On : 08 Feb 2024 15:13
 Operator : RP/MD
 Sample : VD0208SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0208SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/09/2024
 Supervised By :Mahesh Dadoda 02/09/2024

Quant Time: Feb 09 03:09:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	110424	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	200066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	184747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	86717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	51729	37.842	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	75.680%		
35) Dibromofluoromethane	7.805	113	53216	37.362	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	74.720%		
50) Toluene-d8	10.269	98	191823	35.572	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	71.140%		
62) 4-Bromofluorobenzene	12.569	95	59819	37.041	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	74.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	24338	18.425	ug/l	94
3) Chloromethane	2.152	50	45375	19.754	ug/l	97
4) Vinyl Chloride	2.281	62	53757	17.741	ug/l	96
5) Bromomethane	2.676	94	30077	16.396	ug/l	97
6) Chloroethane	2.828	64	37848	18.084	ug/l	98
7) Trichlorofluoromethane	3.164	101	46455	18.109	ug/l	90
8) Diethyl Ether	3.593	74	14449	19.040	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.958	101	29359	18.648	ug/l	98
10) Methyl Iodide	4.164	142	20866	14.570	ug/l #	87
11) Tert butyl alcohol	5.069	59	9537	109.377	ug/l	95
12) 1,1-Dichloroethene	3.934	96	25628	16.870	ug/l #	83
13) Acrolein	3.787	56	9300	85.961	ug/l	100
14) Allyl chloride	4.558	41	33844	16.898	ug/l	87
15) Acrylonitrile	5.258	53	32010	95.428	ug/l	97
16) Acetone	4.028	43	33837	96.562	ug/l #	82
17) Carbon Disulfide	4.264	76	68402	13.338	ug/l #	91
18) Methyl Acetate	4.570	43	11811	16.211	ug/l #	84
19) Methyl tert-butyl Ether	5.322	73	59920	18.966	ug/l	99
20) Methylene Chloride	4.799	84	46987	27.072	ug/l #	90
21) trans-1,2-Dichloroethene	5.311	96	28106	16.363	ug/l	86
22) Diisopropyl ether	6.216	45	80687	18.933	ug/l #	92
23) Vinyl Acetate	6.158	43	239414	92.078	ug/l #	90
24) 1,1-Dichloroethane	6.105	63	53233	18.043	ug/l	99
25) 2-Butanone	7.087	43	43511	95.523	ug/l #	82
26) 2,2-Dichloropropane	7.075	77	42594	17.674	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	33030	17.351	ug/l	91
28) Bromochloromethane	7.422	49	16586	15.762	ug/l #	79
29) Tetrahydrofuran	7.446	42	22157	90.927	ug/l	87
30) Chloroform	7.593	83	54671	18.123	ug/l	96
31) Cyclohexane	7.875	56	41365	16.157	ug/l	95
32) 1,1,1-Trichloroethane	7.799	97	47326	18.204	ug/l	97
36) 1,1-Dichloropropene	8.005	75	38656	16.367	ug/l	96
37) Ethyl Acetate	7.175	43	15058	16.565	ug/l	96
38) Carbon Tetrachloride	7.993	117	41937	18.058	ug/l	96
39) Methylcyclohexane	9.269	83	43931	15.732	ug/l	95
40) Benzene	8.252	78	117534	17.055	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	8554m	17.503	ug/l	
42) 1,2-Dichloroethane	8.322	62	32818	18.361	ug/l	94
43) Isopropyl Acetate	8.363	43	30185	18.520	ug/l #	74
44) Trichloroethene	9.028	130	30555	18.056	ug/l	99
45) 1,2-Dichloropropane	9.305	63	29380	17.436	ug/l	97
46) Dibromomethane	9.393	93	17477	18.694	ug/l #	86
47) Bromodichloromethane	9.581	83	43303	18.826	ug/l	96
48) Methyl methacrylate	9.375	41	14430	18.527	ug/l #	81
49) 1,4-Dioxane	9.381	88	4283	408.403	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	81313	92.221	ug/l	89
52) Toluene	10.334	92	71537	17.114	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	38949	18.129	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	46014	18.091	ug/l #	87
55) 1,1,2-Trichloroethane	10.728	97	22953	18.814	ug/l	98
56) Ethyl methacrylate	10.599	69	24219	17.502	ug/l #	78
57) 1,3-Dichloropropane	10.875	76	38673	18.384	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	50087	79.594	ug/l	94
59) 2-Hexanone	10.922	43	65279	98.304	ug/l	84
60) Dibromochloromethane	11.075	129	28235	19.937	ug/l	99
61) 1,2-Dibromoethane	11.175	107	21464	18.635	ug/l	99
64) Tetrachloroethene	10.810	164	22435	17.411	ug/l	90
65) Chlorobenzene	11.604	112	77898	17.624	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	29888	18.992	ug/l	94
67) Ethyl Benzene	11.681	91	135907	16.975	ug/l	92
68) m/p-Xylenes	11.793	106	105405	34.220	ug/l	89
69) o-Xylene	12.116	106	48165	17.015	ug/l	88
70) Styrene	12.134	104	84359	17.451	ug/l	93
71) Bromoform	12.293	173	15523	20.028	ug/l #	99
73) Isopropylbenzene	12.416	105	131266	17.891	ug/l	97
74) N-amyl acetate	12.234	43	28043	18.480	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	26151	18.457	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	16998m	18.754	ug/l	
77) Bromobenzene	12.698	156	28703	17.777	ug/l	80
78) n-propylbenzene	12.763	91	165143	18.069	ug/l	94
79) 2-Chlorotoluene	12.846	91	89555	18.304	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	110328	18.484	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	8187	17.965	ug/l #	90
82) 4-Chlorotoluene	12.946	91	93834	17.990	ug/l	95
83) tert-Butylbenzene	13.163	119	89670	17.606	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	108694	17.999	ug/l	95
85) sec-Butylbenzene	13.340	105	144272	18.049	ug/l	94
86) p-Isopropyltoluene	13.457	119	116718	17.828	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	63615	18.965	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	62079	18.706	ug/l	96
89) n-Butylbenzene	13.787	91	119452	18.724	ug/l	95
90) Hexachloroethane	14.051	117	25027	19.139	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	52261	18.212	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.440	75	3451	17.375	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	31066	18.716	ug/l	95
94) Hexachlorobutadiene	15.198	225	16279	20.015	ug/l	98
95) Naphthalene	15.328	128	64309	19.432	ug/l	96
96) 1,2,3-Trichlorobenzene	15.516	180	28395	19.429	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

