

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
 Data File : VD077517.D
 Acq On : 08 Nov 2023 12:56
 Operator : JC/SY
 Sample : VD1108SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/09/2023
 Supervised By : Mahesh Dadoda 11/09/2023

Quant Time: Nov 09 01:36:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	193407	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	344598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	312338	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	142729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	142745	52.194	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.380%			
35) Dibromofluoromethane	7.804	113	125200	52.567	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.140%			
50) Toluene-d8	10.269	98	514983	55.666	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.340%			
62) 4-Bromofluorobenzene	12.575	95	161925	51.968	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	31311	20.078	ug/l	97
3) Chloromethane	2.152	50	48308	19.511	ug/l	95
4) Vinyl Chloride	2.287	62	56392	23.357	ug/l	98
5) Bromomethane	2.693	94	31549	24.937	ug/l	98
6) Chloroethane	2.840	64	42042	25.864	ug/l	98
7) Trichlorofluoromethane	3.181	101	68080	20.136	ug/l	98
8) Diethyl Ether	3.599	74	24182	19.897	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	3.975	101	43222	21.175	ug/l	94
10) Methyl Iodide	4.163	142	38441	17.122	ug/l #	90
11) Tert butyl alcohol	5.058	59	24439	112.810	ug/l #	85
12) 1,1-Dichloroethene	3.940	96	37654	19.486	ug/l #	78
13) Acrolein	3.805	56	26388	92.369	ug/l	97
14) Allyl chloride	4.563	41	85596	18.362	ug/l #	85
15) Acrylonitrile	5.258	53	72499	110.348	ug/l	98
16) Acetone	4.028	43	87545	120.972	ug/l #	84
17) Carbon Disulfide	4.275	76	68393	14.369	ug/l	98
18) Methyl Acetate	4.569	43	54110	20.498	ug/l #	76
19) Methyl tert-butyl Ether	5.316	73	126192	20.804	ug/l #	90
20) Methylene Chloride	4.805	84	64678	22.441	ug/l #	64
21) trans-1,2-Dichloroethene	5.310	96	42227	18.763	ug/l #	78
22) Diisopropyl ether	6.216	45	197835	19.968	ug/l #	89
23) Vinyl Acetate	6.157	43	421158m	98.531	ug/l	
24) 1,1-Dichloroethane	6.116	63	103882	20.207	ug/l	93
25) 2-Butanone	7.081	43	105769	109.574	ug/l #	76
26) 2,2-Dichloropropane	7.075	77	90885	19.949	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	56749	20.354	ug/l	71
28) Bromochloromethane	7.422	49	38737	18.026	ug/l #	59
29) Tetrahydrofuran	7.446	42	59363	103.692	ug/l #	72
30) Chloroform	7.599	83	99884	20.809	ug/l	100
31) Cyclohexane	7.875	56	74788	17.493	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	83501	21.113	ug/l	95
36) 1,1-Dichloropropene	8.010	75	65755	18.621	ug/l	94
37) Ethyl Acetate	7.163	43	40224	19.848	ug/l #	89
38) Carbon Tetrachloride	7.993	117	68128	20.473	ug/l	94
39) Methylcyclohexane	9.269	83	71579	17.765	ug/l #	79
40) Benzene	8.252	78	200726	19.934	ug/l	100

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41) Methacrylonitrile	7.404	41	28605	22.060	ug/l #	74
42) 1,2-Dichloroethane	8.328	62	63595	19.940	ug/l	91
43) Isopropyl Acetate	8.363	43	84885	20.297	ug/l #	83
44) Trichloroethene	9.028	130	47841	19.396	ug/l	92
45) 1,2-Dichloropropane	9.304	63	61395	20.710	ug/l	100
46) Dibromomethane	9.393	93	27993	19.621	ug/l	91
47) Bromodichloromethane	9.587	83	76478	20.281	ug/l	94
48) Methyl methacrylate	9.381	41	38058	19.064	ug/l #	68
49) 1,4-Dioxane	9.381	88	6598	430.399	ug/l #	56
51) 4-Methyl-2-Pentanone	10.157	43	219425	106.596	ug/l #	81
52) Toluene	10.334	92	125521	20.448	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	80726	20.217	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	92490	20.129	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	41753	21.936	ug/l	93
56) Ethyl methacrylate	10.598	69	57263	20.234	ug/l #	63
57) 1,3-Dichloropropane	10.881	76	71997	20.237	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	126968	89.616	ug/l #	86
59) 2-Hexanone	10.922	43	170778	112.620	ug/l	79
60) Dibromochloromethane	11.075	129	48059	20.998	ug/l	96
61) 1,2-Dibromoethane	11.181	107	35260	19.561	ug/l	97
64) Tetrachloroethene	10.810	164	38716	19.470	ug/l	93
65) Chlorobenzene	11.610	112	133849	20.455	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	50173	20.291	ug/l	96
67) Ethyl Benzene	11.687	91	255079	20.260	ug/l	96
68) m/p-Xylenes	11.792	106	183361	40.330	ug/l	82
69) o-Xylene	12.122	106	89230	20.490	ug/l	81
70) Styrene	12.134	104	155813	20.740	ug/l #	92
71) Bromoform	12.298	173	28263	20.617	ug/l #	98
73) Isopropylbenzene	12.422	105	247377	21.258	ug/l	94
74) N-amyl acetate	12.234	43	81110	19.678	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	48913	21.443	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	37117m	21.367	ug/l	
77) Bromobenzene	12.704	156	51467	20.093	ug/l	74
78) n-propylbenzene	12.763	91	310603	21.021	ug/l	93
79) 2-Chlorotoluene	12.851	91	170504	20.380	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	201688	20.656	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	18489	20.559	ug/l	87
82) 4-Chlorotoluene	12.945	91	178589	20.494	ug/l	89
83) tert-Butylbenzene	13.169	119	176280	21.473	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	201459	20.770	ug/l	93
85) sec-Butylbenzene	13.345	105	271416	21.608	ug/l	95
86) p-Isopropyltoluene	13.463	119	220630	21.610	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	107449	21.341	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	105759	21.024	ug/l	96
89) n-Butylbenzene	13.787	91	225888	21.286	ug/l	98
90) Hexachloroethane	14.057	117	42423	20.305	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	93085	21.037	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7598	19.772	ug/l	86
93) 1,2,4-Trichlorobenzene	15.098	180	62361	20.515	ug/l	99
94) Hexachlorobutadiene	15.204	225	34428	20.997	ug/l	96
95) Naphthalene	15.333	128	123763	21.343	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	54832	20.897	ug/l	98

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

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