

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
 Data File : VD077516.D
 Acq On : 08 Nov 2023 11:31
 Operator : JC/SY
 Sample : VD1108SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBS01

Quant Time: Nov 09 01:35:37 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	190923	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	337621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	303799	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	142273	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	137657	50.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.980%	
35) Dibromofluoromethane	7.804	113	119916	51.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.780%	
50) Toluene-d8	10.269	98	493391	54.435	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.860%	
62) 4-Bromofluorobenzene	12.575	95	156201	51.167	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.340%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	30154	19.587	ug/l	96
3) Chloromethane	2.152	50	47066	19.257	ug/l	98
4) Vinyl Chloride	2.287	62	54783	22.986	ug/l	99
5) Bromomethane	2.687	94	32229	25.806	ug/l	98
6) Chloroethane	2.834	64	39752	24.773	ug/l	94
7) Trichlorofluoromethane	3.181	101	66694	19.982	ug/l	95
8) Diethyl Ether	3.593	74	24070	20.062	ug/l	58
9) 1,1,2-Trichlorotrifluo...	3.969	101	41319	20.506	ug/l	94
10) Methyl Iodide	4.169	142	35812	16.335	ug/l #	87
11) Tert butyl alcohol	5.057	59	22299	104.271	ug/l	99
12) 1,1-Dichloroethene	3.952	96	35870	18.804	ug/l #	74
13) Acrolein	3.805	56	26071	92.446	ug/l	99
14) Allyl chloride	4.569	41	85592	18.600	ug/l #	82
15) Acrylonitrile	5.263	53	72489	111.768	ug/l	98
16) Acetone	4.022	43	87943	123.103	ug/l #	81
17) Carbon Disulfide	4.275	76	66510	14.211	ug/l #	92
18) Methyl Acetate	4.563	43	53668	20.595	ug/l #	77
19) Methyl tert-butyl Ether	5.322	73	122864	20.519	ug/l	91
20) Methylene Chloride	4.805	84	57338	19.894	ug/l #	66
21) trans-1,2-Dichloroethene	5.316	96	41229	18.558	ug/l #	76
22) Diisopropyl ether	6.222	45	191960	19.627	ug/l #	88
23) Vinyl Acetate	6.157	43	413488m	97.995	ug/l	
24) 1,1-Dichloroethane	6.116	63	100855	19.873	ug/l	93
25) 2-Butanone	7.087	43	106464	111.729	ug/l #	69
26) 2,2-Dichloropropane	7.081	77	86614	19.259	ug/l	89
27) cis-1,2-Dichloroethene	7.081	96	55602	20.202	ug/l	74
28) Bromochloromethane	7.434	49	35153	16.741	ug/l #	1
29) Tetrahydrofuran	7.446	42	61574	108.953	ug/l #	69
30) Chloroform	7.598	83	98187	20.721	ug/l	98
31) Cyclohexane	7.881	56	74466	17.644	ug/l #	76
32) 1,1,1-Trichloroethane	7.798	97	78661	20.148	ug/l	95
36) 1,1-Dichloropropene	8.010	75	64390	18.611	ug/l	91
37) Ethyl Acetate	7.169	43	41586	20.945	ug/l #	92
38) Carbon Tetrachloride	7.998	117	65714	20.156	ug/l	99
39) Methylcyclohexane	9.275	83	68533	17.361	ug/l #	76
40) Benzene	8.251	78	199610	20.233	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	26796	21.092	ug/l #	74
42) 1,2-Dichloroethane	8.328	62	61804	19.779	ug/l	92
43) Isopropyl Acetate	8.357	43	82673	20.177	ug/l #	82
44) Trichloroethene	9.034	130	47351	19.594	ug/l	86
45) 1,2-Dichloropropane	9.304	63	59373	20.442	ug/l	95
46) Dibromomethane	9.393	93	27243	19.490	ug/l	91
47) Bromodichloromethane	9.587	83	74667	20.210	ug/l	96
48) Methyl methacrylate	9.381	41	36959	18.897	ug/l #	68
49) 1,4-Dioxane	9.387	88	6603	439.627	ug/l #	56
51) 4-Methyl-2-Pentanone	10.157	43	219649	108.910	ug/l #	82
52) Toluene	10.334	92	120121	19.972	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	78895	20.167	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	88663	19.695	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	39838	21.362	ug/l	93
56) Ethyl methacrylate	10.598	69	57947	20.899	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	73464	21.076	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	133745	96.350	ug/l #	87
59) 2-Hexanone	10.922	43	170569	114.806	ug/l	79
60) Dibromochloromethane	11.075	129	47545	21.202	ug/l	98
61) 1,2-Dibromoethane	11.181	107	35363	20.024	ug/l	98
64) Tetrachloroethene	10.810	164	37179	19.222	ug/l	91
65) Chlorobenzene	11.610	112	133312	20.946	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.687	131	49691	20.660	ug/l	94
67) Ethyl Benzene	11.687	91	252608	20.628	ug/l	97
68) m/p-Xylenes	11.792	106	185192	41.878	ug/l	85
69) o-Xylene	12.122	106	88938	20.997	ug/l	84
70) Styrene	12.139	104	152097	20.814	ug/l #	91
71) Bromoform	12.298	173	26927	20.194	ug/l #	99
73) Isopropylbenzene	12.422	105	241286	20.801	ug/l	95
74) N-amyl acetate	12.234	43	81416	19.816	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	48898	21.505	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	36978m	21.355	ug/l	
77) Bromobenzene	12.704	156	51496	20.169	ug/l	75
78) n-propylbenzene	12.763	91	302551	20.542	ug/l	95
79) 2-Chlorotoluene	12.851	91	166681	19.987	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	194878	20.022	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	18122	20.215	ug/l	86
82) 4-Chlorotoluene	12.951	91	172009	19.802	ug/l	89
83) tert-Butylbenzene	13.169	119	173348	21.183	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	195362	20.206	ug/l	94
85) sec-Butylbenzene	13.345	105	265266	21.186	ug/l	94
86) p-Isopropyltoluene	13.463	119	217861	21.407	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	109420	21.802	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	105754	21.090	ug/l	96
89) n-Butylbenzene	13.786	91	223722	21.150	ug/l	96
90) Hexachloroethane	14.057	117	43490	20.883	ug/l	93
91) 1,2-Dichlorobenzene	13.833	146	93648	21.232	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8001	20.887	ug/l	79
93) 1,2,4-Trichlorobenzene	15.104	180	62370	20.584	ug/l	96
94) Hexachlorobutadiene	15.204	225	33227	20.329	ug/l	99
95) Naphthalene	15.333	128	120690	20.880	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	52777	20.179	ug/l	98

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

