

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078008.D
 Acq On : 20 Dec 2023 22:37
 Operator : RP/MD
 Sample : VD1220SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1220SBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Dec 21 05:30:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						12/21/2023
1) Pentafluorobenzene	7.875	168	107423	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	189651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	172454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90192	50.000	ug/l	0.00
System Monitoring Compounds						12/21/2023
33) 1,2-Dichloroethane-d4	8.234	65	73557	58.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.220%	
35) Dibromofluoromethane	7.810	113	79539	59.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.740%	
50) Toluene-d8	10.269	98	309478	58.166	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.340%	
62) 4-Bromofluorobenzene	12.575	95	91522	57.535	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	25567	19.053	ug/l	93
3) Chloromethane	2.152	50	38450	21.021	ug/l	98
4) Vinyl Chloride	2.287	62	53695	21.624	ug/l	99
5) Bromomethane	2.693	94	42925	30.808	ug/l	99
6) Chloroethane	2.840	64	40983	24.209	ug/l	94
7) Trichlorofluoromethane	3.181	101	47721	20.867	ug/l	92
8) Diethyl Ether	3.593	74	12634	19.674	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.969	101	28308	21.637	ug/l	96
10) Methyl Iodide	4.158	142	26023	26.376	ug/l #	90
11) Tert butyl alcohol	5.052	59	5680	85.776	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	25189	19.507	ug/l #	83
13) Acrolein	3.793	56	9449	70.567	ug/l	91
14) Allyl chloride	4.575	41	33929	19.105	ug/l	88
15) Acrylonitrile	5.263	53	28738	104.521	ug/l	94
16) Acetone	4.028	43	34815	109.534	ug/l	87
17) Carbon Disulfide	4.275	76	70813	16.210	ug/l	96
18) Methyl Acetate	4.575	43	21600	21.667	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	60911	22.233	ug/l	100
20) Methylene Chloride	4.805	84	37031	21.989	ug/l #	84
21) trans-1,2-Dichloroethene	5.316	96	31136	21.289	ug/l	93
22) Diisopropyl ether	6.216	45	77346	20.841	ug/l	95
23) Vinyl Acetate	6.163	43	177429	97.901	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	54987	21.879	ug/l	96
25) 2-Butanone	7.087	43	39880	105.960	ug/l	99
26) 2,2-Dichloropropane	7.075	77	44506	21.092	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	36870	23.428	ug/l	94
28) Bromochloromethane	7.428	49	22338	21.996	ug/l #	76
29) Tetrahydrofuran	7.452	42	19682	97.643	ug/l	90
30) Chloroform	7.599	83	58674	23.327	ug/l	97
31) Cyclohexane	7.881	56	39303	17.456	ug/l #	93
32) 1,1,1-Trichloroethane	7.793	97	47802	21.558	ug/l	98
36) 1,1-Dichloropropene	8.010	75	41836	19.688	ug/l	96
37) Ethyl Acetate	7.163	43	15950	19.251	ug/l	93
38) Carbon Tetrachloride	7.993	117	41264	19.479	ug/l	95
39) Methylcyclohexane	9.275	83	44454	17.647	ug/l #	89
40) Benzene	8.251	78	123761	20.521	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	8128m	19.301	ug/l	94
42) 1,2-Dichloroethane	8.328	62	32196	20.595	ug/l	96
43) Isopropyl Acetate	8.357	43	28217	19.158	ug/l	96
44) Trichloroethene	9.034	130	33141	21.087	ug/l	96
45) 1,2-Dichloropropane	9.304	63	32313	22.040	ug/l #	89
46) Dibromomethane	9.398	93	17568	22.647	ug/l	90
47) Bromodichloromethane	9.581	83	44512	22.638	ug/l	95
48) Methyl methacrylate	9.375	41	16729	19.981	ug/l #	80
49) 1,4-Dioxane	9.387	88	3126	405.825	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	73906	98.320	ug/l	89
52) Toluene	10.334	92	80340	21.475	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	39634	20.991	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	46953	20.568	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	24232	22.837	ug/l	97
56) Ethyl methacrylate	10.593	69	19417	20.758	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	39402	21.543	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	39245	73.572	ug/l	95
59) 2-Hexanone	10.922	43	58254	93.411	ug/l	88
60) Dibromochloromethane	11.075	129	28577	22.369	ug/l	94
61) 1,2-Dibromoethane	11.181	107	22260	22.286	ug/l	99
64) Tetrachloroethene	10.810	164	26838	21.174	ug/l	94
65) Chlorobenzene	11.610	112	83953	19.519	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	30317	21.141	ug/l	98
67) Ethyl Benzene	11.687	91	148601	20.697	ug/l	96
68) m/p-Xylenes	11.792	106	114988	41.870	ug/l	90
69) o-Xylene	12.122	106	53534	21.151	ug/l	94
70) Styrene	12.134	104	80891	21.493	ug/l	94
71) Bromoform	12.298	173	15543	20.743	ug/l #	96
73) Isopropylbenzene	12.422	105	141894	20.758	ug/l	96
74) N-amyl acetate	12.234	43	24119	17.950	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	28077	23.557	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	17509m	22.352	ug/l	
77) Bromobenzene	12.704	156	33845	21.050	ug/l	90
78) n-propylbenzene	12.763	91	170876	20.514	ug/l	96
79) 2-Chlorotoluene	12.851	91	95493	21.392	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	119274	20.921	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	7959	20.586	ug/l	88
82) 4-Chlorotoluene	12.945	91	102477	21.959	ug/l	93
83) tert-Butylbenzene	13.169	119	100155	20.808	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	117744	20.648	ug/l	97
85) sec-Butylbenzene	13.345	105	148614	20.888	ug/l	97
86) p-Isopropyltoluene	13.457	119	133231	20.916	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	68319	20.778	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	68211	19.815	ug/l	96
89) n-Butylbenzene	13.786	91	120814	20.156	ug/l	98
90) Hexachloroethane	14.051	117	26413	22.547	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	60385	21.594	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3694	20.823	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	36627	19.175	ug/l	95
94) Hexachlorobutadiene	15.204	225	19493	18.925	ug/l	99
95) Naphthalene	15.328	128	63148	19.898	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	31497	20.002	ug/l	99

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 Yesilyurt

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

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

12/21/2023
Supervised By :Semsettin
Yesilyurt

12/21/2023

