

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122623\
 Data File : VD078080.D
 Acq On : 26 Dec 2023 13:24
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 27 02:09:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 02:01:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	183521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	287346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	261032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	152883	93.626	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 187.260%#			
35) Dibromofluoromethane	7.810	113	178358	96.469	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 192.940%#			
50) Toluene-d8	10.269	98	673723	103.560	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 207.120%#			
62) 4-Bromofluorobenzene	12.575	95	214645	102.542	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 205.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	134231	85.343	ug/l	95
3) Chloromethane	2.152	50	194668	89.746	ug/l	100
4) Vinyl Chloride	2.287	62	303847	92.934	ug/l	99
5) Bromomethane	2.687	94	237317	90.529	ug/l	100
6) Chloroethane	2.840	64	219957	91.550	ug/l	99
7) Trichlorofluoromethane	3.181	101	282589	89.798	ug/l	98
8) Diethyl Ether	3.599	74	77571	89.892	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.970	101	175398	89.486	ug/l	100
10) Methyl Iodide	4.164	142	197411	107.180	ug/l	94
11) Tert butyl alcohol	5.052	59	35658	473.593	ug/l #	92
12) 1,1-Dichloroethene	3.946	96	161616	93.188	ug/l	84
13) Acrolein	3.793	56	31229	363.118	ug/l	97
14) Allyl chloride	4.564	41	188431	89.888	ug/l	92
15) Acrylonitrile	5.258	53	165387	458.171	ug/l	98
16) Acetone	4.022	43	147900	469.518	ug/l #	86
17) Carbon Disulfide	4.275	76	417030	97.318	ug/l	97
18) Methyl Acetate	4.564	43	132350	98.894	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	368984	96.128	ug/l	99
20) Methylene Chloride	4.805	84	183014	94.278	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	186953	93.776	ug/l	95
22) Diisopropyl ether	6.216	45	441052	94.195	ug/l	98
23) Vinyl Acetate	6.158	43	844082m	387.400	ug/l	
24) 1,1-Dichloroethane	6.116	63	316787	91.421	ug/l	96
25) 2-Butanone	7.081	43	195195	462.069	ug/l	90
26) 2,2-Dichloropropane	7.081	77	282576	90.769	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	220348	93.164	ug/l	96
28) Bromochloromethane	7.428	49	118831	95.854	ug/l	93
29) Tetrahydrofuran	7.446	42	112370	444.536	ug/l	95
30) Chloroform	7.599	83	340941	90.792	ug/l	94
31) Cyclohexane	7.881	56	240133	92.184	ug/l	94
32) 1,1,1-Trichloroethane	7.799	97	301859	93.533	ug/l	99
36) 1,1-Dichloropropene	8.010	75	255417	98.184	ug/l	98
37) Ethyl Acetate	7.169	43	78913	91.207	ug/l #	95
38) Carbon Tetrachloride	7.993	117	279194	99.043	ug/l	98
39) Methylcyclohexane	9.275	83	304806	102.198	ug/l	96
40) Benzene	8.252	78	734773	97.998	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	53241	97.164	ug/l	91
42) 1,2-Dichloroethane	8.328	62	190627	94.078	ug/l	95
43) Isopropyl Acetate	8.357	43	163784	94.553	ug/l	95
44) Trichloroethene	9.028	130	204191	94.659	ug/l	93
45) 1,2-Dichloropropane	9.305	63	182200	95.898	ug/l	98
46) Dibromomethane	9.393	93	103040	96.832	ug/l	99
47) Bromodichloromethane	9.587	83	263018	95.154	ug/l #	98
48) Methyl methacrylate	9.381	41	94287	96.584	ug/l	83
49) 1,4-Dioxane	9.381	88	17609	1750.485	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	425891	479.164	ug/l	95
52) Toluene	10.334	92	492960	101.368	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	248655	99.150	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	292274	97.047	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	146341	97.726	ug/l	95
56) Ethyl methacrylate	10.599	69	122279	102.898	ug/l	94
57) 1,3-Dichloropropane	10.875	76	238997	97.140	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	286188	556.243	ug/l	99
59) 2-Hexanone	10.922	43	307771	445.783	ug/l	95
60) Dibromochloromethane	11.075	129	188653	98.892	ug/l	96
61) 1,2-Dibromoethane	11.181	107	139371	97.079	ug/l	99
64) Tetrachloroethene	10.810	164	176602	100.124	ug/l	97
65) Chlorobenzene	11.604	112	533245	96.157	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	210510	100.294	ug/l	96
67) Ethyl Benzene	11.681	91	996189	103.041	ug/l	99
68) m/p-Xylenes	11.793	106	783888	208.338	ug/l	94
69) o-Xylene	12.122	106	367356	104.755	ug/l	96
70) Styrene	12.134	104	548483	105.933	ug/l	96
71) Bromoform	12.298	173	114182	98.604	ug/l #	99
73) Isopropylbenzene	12.422	105	985639	99.006	ug/l	96
74) N-amyl acetate	12.234	43	147862	89.469	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	163125	90.158	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	106345m	91.075	ug/l	
77) Bromobenzene	12.698	156	234862	96.977	ug/l	99
78) n-propylbenzene	12.763	91	1160316	96.829	ug/l	97
79) 2-Chlorotoluene	12.851	91	618475	95.421	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	808733	98.217	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	52010	91.903	ug/l	98
82) 4-Chlorotoluene	12.945	91	652059	93.833	ug/l	98
83) tert-Butylbenzene	13.163	119	741058	100.469	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	832899	99.308	ug/l	99
85) sec-Butylbenzene	13.345	105	1040261	98.783	ug/l	98
86) p-Isopropyltoluene	13.457	119	965665	102.467	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	496123	99.011	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	464894	94.598	ug/l	99
89) n-Butylbenzene	13.787	91	846362	97.842	ug/l	99
90) Hexachloroethane	14.051	117	178843	94.924	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	403749	93.823	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	22581	89.109	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	268780	95.666	ug/l	99
94) Hexachlorobutadiene	15.204	225	154199	97.686	ug/l	99
95) Naphthalene	15.328	128	470706	98.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	234023	98.168	ug/l	100

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

