

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093024\
 Data File : VD079938.D
 Acq On : 30 Sep 2024 15:53
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 01 05:05:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D093024S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 05:04:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	125201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	200041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	190910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72010	50.516	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.040%			
35) Dibromofluoromethane	7.805	113	68814	52.097	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.200%			
50) Toluene-d8	10.269	98	268893	51.651	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.300%			
62) 4-Bromofluorobenzene	12.569	95	82323	54.051	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	61431	42.524	ug/l	100
3) Chloromethane	2.146	50	89696	39.369	ug/l	100
4) Vinyl Chloride	2.281	62	122676	42.231	ug/l	100
5) Bromomethane	2.687	94	104585	47.601	ug/l	100
6) Chloroethane	2.834	64	86463	42.772	ug/l	100
7) Trichlorofluoromethane	3.175	101	115435	43.235	ug/l	100
8) Diethyl Ether	3.593	74	32555	44.030	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	68727	44.483	ug/l	100
10) Methyl Iodide	4.164	142	74138	48.395	ug/l	100
11) Tert butyl alcohol	5.058	59	18061	254.707	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	69124	44.816	ug/l	100
13) Acrolein	3.793	56	33827	217.001	ug/l	100
14) Allyl chloride	4.564	41	86927	43.430	ug/l	100
15) Acrylonitrile	5.252	53	72609	220.850	ug/l	100
16) Acetone	4.022	43	70601	168.705	ug/l	100
17) Carbon Disulfide	4.269	76	225117	45.291	ug/l	100
18) Methyl Acetate	4.564	43	30199	27.002	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	150566	47.080	ug/l	100
20) Methylene Chloride	4.799	84	80069	38.644	ug/l	100
21) trans-1,2-Dichloroethene	5.311	96	79842	45.112	ug/l	100
22) Diisopropyl ether	6.216	45	201676	47.255	ug/l	100
23) Vinyl Acetate	6.158	43	595159	274.508	ug/l	100
24) 1,1-Dichloroethane	6.111	63	132331	44.978	ug/l	100
25) 2-Butanone	7.081	43	92575	187.046	ug/l	100
26) 2,2-Dichloropropane	7.075	77	111310	45.114	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	91677	47.900	ug/l	100
28) Bromochloromethane	7.422	49	63647	53.854	ug/l	100
29) Tetrahydrofuran	7.446	42	52754	228.452	ug/l	100
30) Chloroform	7.593	83	143415	47.512	ug/l	100
31) Cyclohexane	7.875	56	103092	40.153	ug/l	100
32) 1,1,1-Trichloroethane	7.799	97	121578	46.769	ug/l	100
36) 1,1-Dichloropropene	8.010	75	99429	46.449	ug/l	100
37) Ethyl Acetate	7.169	43	37881	47.024	ug/l	100
38) Carbon Tetrachloride	7.987	117	106169	49.515	ug/l	100
39) Methylcyclohexane	9.275	83	116680	46.384	ug/l	100
40) Benzene	8.252	78	302754	49.322	ug/l	100

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41) Methacrylonitrile	7.399	41	22701	51.382	ug/l	100
42) 1,2-Dichloroethane	8.322	62	83496	51.916	ug/l	100
43) Isopropyl Acetate	8.363	43	77868	52.209	ug/l	100
44) Trichloroethene	9.028	130	75647	48.122	ug/l	100
45) 1,2-Dichloropropane	9.305	63	74128	48.795	ug/l	100
46) Dibromomethane	9.393	93	44882	52.635	ug/l	100
47) Bromodichloromethane	9.587	83	110478	51.976	ug/l	100
48) Methyl methacrylate	9.381	41	36177	43.431	ug/l	100
49) 1,4-Dioxane	9.387	88	7976	974.794	ug/l	100
51) 4-Methyl-2-Pentanone	10.157	43	208133	265.445	ug/l	100
52) Toluene	10.334	92	194017	49.812	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	98688	50.744	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	114464	49.476	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	54574	48.824	ug/l	100
56) Ethyl methacrylate	10.599	69	73685	73.394	ug/l	100
57) 1,3-Dichloropropane	10.875	76	96202	50.138	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	155380	279.163	ug/l	100
59) 2-Hexanone	10.922	43	147451	233.058	ug/l	100
60) Dibromochloromethane	11.075	129	76116	56.178	ug/l	100
61) 1,2-Dibromoethane	11.175	107	53525	51.675	ug/l	100
64) Tetrachloroethene	10.810	164	66945	52.732	ug/l	100
65) Chlorobenzene	11.604	112	212413	50.192	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	74119	49.367	ug/l	100
67) Ethyl Benzene	11.681	91	378570	49.484	ug/l	100
68) m/p-Xylenes	11.793	106	293581	100.202	ug/l	100
69) o-Xylene	12.122	106	134832	50.824	ug/l	100
70) Styrene	12.134	104	243263	59.138	ug/l	100
71) Bromoform	12.298	173	43804	56.763	ug/l #	100
73) Isopropylbenzene	12.422	105	345407	43.352	ug/l	100
74) N-amyl acetate	12.228	43	79615	50.765	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.669	83	65480	44.026	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	42353m	43.572	ug/l	
77) Bromobenzene	12.698	156	87385	48.954	ug/l	100
78) n-propylbenzene	12.763	91	442515	44.593	ug/l	100
79) 2-Chlorotoluene	12.845	91	245923	46.007	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	295723	44.543	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	23196	50.098	ug/l	100
82) 4-Chlorotoluene	12.945	91	261346	46.272	ug/l	100
83) tert-Butylbenzene	13.163	119	244107	44.154	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	310651	46.041	ug/l	100
85) sec-Butylbenzene	13.340	105	384512	45.515	ug/l	100
86) p-Isopropyltoluene	13.457	119	325855	44.590	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	178082	48.165	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	174759	47.779	ug/l	100
89) n-Butylbenzene	13.787	91	309192	43.642	ug/l	100
90) Hexachloroethane	14.051	117	67536	46.526	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	155911	49.925	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.440	75	10201	47.031	ug/l	100
93) 1,2,4-Trichlorobenzene	15.092	180	96164	49.736	ug/l	100
94) Hexachlorobutadiene	15.198	225	50790	53.661	ug/l	100
95) Naphthalene	15.328	128	174323	48.740	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	84296	51.708	ug/l	100

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

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