

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093024\
 Data File : VD079939.D
 Acq On : 30 Sep 2024 16:21
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 01 05:06:01 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	145849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	231882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	167023	100.581	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 201.160%#			
35) Dibromofluoromethane	7.805	113	159109	103.916	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 207.840%#			
50) Toluene-d8	10.269	98	642565	106.480	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 212.960%#			
62) 4-Bromofluorobenzene	12.569	95	201903	114.360	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 228.720%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	134382	79.854	ug/l	92
3) Chloromethane	2.146	50	201956	76.093	ug/l	99
4) Vinyl Chloride	2.281	62	274950	81.250	ug/l	96
5) Bromomethane	2.681	94	238670	93.250	ug/l	100
6) Chloroethane	2.834	64	193380	82.118	ug/l	97
7) Trichlorofluoromethane	3.170	101	258936	83.252	ug/l	97
8) Diethyl Ether	3.593	74	78770	91.453	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	152376	84.661	ug/l	98
10) Methyl Iodide	4.164	142	194942	109.236	ug/l	96
11) Tert butyl alcohol	5.046	59	40708	492.815	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	155606	86.603	ug/l	97
13) Acrolein	3.793	56	76785	422.844	ug/l	94
14) Allyl chloride	4.564	41	209880	90.013	ug/l	95
15) Acrylonitrile	5.258	53	171453	447.668	ug/l	96
16) Acetone	4.023	43	167225	343.023	ug/l	96
17) Carbon Disulfide	4.270	76	515332	89.002	ug/l	99
18) Methyl Acetate	4.558	43	77941	59.823	ug/l	96
19) Methyl tert-butyl Ether	5.317	73	366968	98.502	ug/l	99
20) Methylene Chloride	4.805	84	179503	74.369	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	174913	84.837	ug/l	95
22) Diisopropyl ether	6.216	45	469916	94.518	ug/l	97
23) Vinyl Acetate	6.158	43	1423213	563.503	ug/l	100
24) 1,1-Dichloroethane	6.111	63	300861	87.784	ug/l	96
25) 2-Butanone	7.081	43	224920	390.111	ug/l	99
26) 2,2-Dichloropropane	7.075	77	259062	90.133	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	208585	93.553	ug/l	98
28) Bromochloromethane	7.428	49	128564	93.382	ug/l	94
29) Tetrahydrofuran	7.446	42	128715	478.491	ug/l	98
30) Chloroform	7.593	83	319556	90.878	ug/l	100
31) Cyclohexane	7.881	56	238954	79.893	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	271832	89.765	ug/l	99
36) 1,1-Dichloropropene	8.011	75	221523	89.277	ug/l	99
37) Ethyl Acetate	7.169	43	97068	103.951	ug/l #	89
38) Carbon Tetrachloride	7.993	117	238121	95.805	ug/l	97
39) Methylcyclohexane	9.275	83	270809	92.873	ug/l	96
40) Benzene	8.252	78	697782	98.067	ug/l	98

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41) Methacrylonitrile	7.405	41	51212	99.997	ug/l	97
42) 1,2-Dichloroethane	8.322	62	192816	103.427	ug/l	98
43) Isopropyl Acetate	8.363	43	187524	108.466	ug/l	96
44) Trichloroethene	9.028	130	166811	91.543	ug/l	83
45) 1,2-Dichloropropane	9.305	63	169503	96.254	ug/l	93
46) Dibromomethane	9.393	93	99338	100.501	ug/l	98
47) Bromodichloromethane	9.581	83	250915	101.838	ug/l	92
48) Methyl methacrylate	9.381	41	89371	92.558	ug/l	99
49) 1,4-Dioxane	9.387	88	21441	2260.605	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	492132	541.461	ug/l	99
52) Toluene	10.334	92	453531	100.450	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	237116	105.179	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	271273	101.154	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	127810	98.643	ug/l	98
56) Ethyl methacrylate	10.599	69	172536	148.257	ug/l	99
57) 1,3-Dichloropropane	10.875	76	216462	97.323	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	334313	518.164	ug/l	100
59) 2-Hexanone	10.916	43	356231	485.735	ug/l	96
60) Dibromochloromethane	11.069	129	168277	107.143	ug/l	98
61) 1,2-Dibromoethane	11.181	107	121974	101.589	ug/l	100
64) Tetrachloroethene	10.810	164	154452	109.053	ug/l	91
65) Chlorobenzene	11.604	112	480211	101.713	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	174226	104.017	ug/l	97
67) Ethyl Benzene	11.681	91	897533	105.161	ug/l	99
68) m/p-Xylenes	11.793	106	688209	210.551	ug/l	100
69) o-Xylene	12.122	106	320196	108.189	ug/l	99
70) Styrene	12.134	104	570426	124.303	ug/l	99
71) Bromoform	12.299	173	97169	112.867	ug/l #	100
73) Isopropylbenzene	12.416	105	814896	93.556	ug/l	99
74) N-amyl acetate	12.234	43	191765	111.849	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	146829	90.302	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	90555m	85.217	ug/l	
77) Bromobenzene	12.698	156	199922	102.448	ug/l	100
78) n-propylbenzene	12.763	91	1007034	92.826	ug/l	99
79) 2-Chlorotoluene	12.846	91	570924	97.700	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	687598	94.737	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	55798	110.233	ug/l	96
82) 4-Chlorotoluene	12.946	91	589281	95.435	ug/l	99
83) tert-Butylbenzene	13.163	119	579742	95.920	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	721407	97.801	ug/l	98
85) sec-Butylbenzene	13.340	105	874550	94.692	ug/l	100
86) p-Isopropyltoluene	13.457	119	778489	97.444	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	410448	101.544	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	386960	96.773	ug/l	99
89) n-Butylbenzene	13.781	91	721254	93.123	ug/l	99
90) Hexachloroethane	14.051	117	148445	93.544	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	341998	100.173	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	22752	95.951	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	230576	109.083	ug/l	99
94) Hexachlorobutadiene	15.198	225	110627	106.914	ug/l	92
95) Naphthalene	15.328	128	440323	112.614	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	205389	115.243	ug/l	98

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

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