

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093024\
 Data File : VD079940.D
 Acq On : 30 Sep 2024 16:48
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 01 05:06:19 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	149836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	235164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114207	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	254647	149.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	298.540%#
35) Dibromofluoromethane	7.805	113	246725	158.890	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	317.780%#
50) Toluene-d8	10.269	98	1002470	163.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	327.600%#
62) 4-Bromofluorobenzene	12.569	95	309710	172.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	345.960%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	217792	125.975	ug/l	89
3) Chloromethane	2.146	50	304758	111.771	ug/l	97
4) Vinyl Chloride	2.281	62	430079	123.711	ug/l	100
5) Bromomethane	2.670	94	387849	147.503	ug/l	98
6) Chloroethane	2.828	64	302551	125.059	ug/l	95
7) Trichlorofluoromethane	3.170	101	402764	126.049	ug/l	100
8) Diethyl Ether	3.593	74	119671	135.243	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.964	101	239369	129.456	ug/l	98
10) Methyl Iodide	4.158	142	309044	168.566	ug/l	94
11) Tert butyl alcohol	5.058	59	58235	686.239	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	251530	136.265	ug/l	97
13) Acrolein	3.793	56	116283	623.314	ug/l	93
14) Allyl chloride	4.558	41	342109	142.820	ug/l	95
15) Acrylonitrile	5.252	53	251629	639.527	ug/l	98
16) Acetone	4.017	43	276787	552.656	ug/l	98
17) Carbon Disulfide	4.270	76	804264	135.206	ug/l	100
18) Methyl Acetate	4.564	43	111757	83.495	ug/l	95
19) Methyl tert-butyl Ether	5.317	73	537437	140.421	ug/l	95
20) Methylene Chloride	4.799	84	267901	108.040	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	270425	127.672	ug/l	92
22) Diisopropyl ether	6.216	45	716960	140.371	ug/l	97
23) Vinyl Acetate	6.152	43	2179203	839.869	ug/l	99
24) 1,1-Dichloroethane	6.116	63	457704	129.993	ug/l	99
25) 2-Butanone	7.081	43	341278	576.177	ug/l	100
26) 2,2-Dichloropropane	7.075	77	405881	137.457	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	317272	138.514	ug/l	97
28) Bromochloromethane	7.422	49	194191	137.297	ug/l	94
29) Tetrahydrofuran	7.440	42	189076	684.177	ug/l	96
30) Chloroform	7.599	83	479300	132.680	ug/l	100
31) Cyclohexane	7.875	56	390089	126.953	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	418786	134.613	ug/l	100
36) 1,1-Dichloropropene	8.005	75	352610	140.123	ug/l	99
37) Ethyl Acetate	7.163	43	139258	147.052	ug/l #	89
38) Carbon Tetrachloride	7.993	117	373526	148.186	ug/l	98
39) Methylcyclohexane	9.275	83	447463	151.314	ug/l	96
40) Benzene	8.252	78	1069722	148.241	ug/l	99

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41) Methacrylonitrile	7.393	41	78906	151.922	ug/l	95
42) 1,2-Dichloroethane	8.322	62	279691	147.933	ug/l	98
43) Isopropyl Acetate	8.363	43	275704	157.245	ug/l	96
44) Trichloroethene	9.028	130	263563	142.621	ug/l	96
45) 1,2-Dichloropropane	9.305	63	255617	143.129	ug/l	91
46) Dibromomethane	9.393	93	145878	145.526	ug/l	97
47) Bromodichloromethane	9.581	83	373620	149.523	ug/l	94
48) Methyl methacrylate	9.381	41	133299	136.126	ug/l	96
49) 1,4-Dioxane	9.387	88	30487	3169.498	ug/l	86
51) 4-Methyl-2-Pentanone	10.157	43	723223	784.610	ug/l	100
52) Toluene	10.334	92	690639	150.831	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	346165	151.408	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	411031	151.129	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	180357	137.256	ug/l	95
56) Ethyl methacrylate	10.599	69	248726	210.743	ug/l	96
57) 1,3-Dichloropropane	10.881	76	320639	142.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	478161	730.776	ug/l	100
59) 2-Hexanone	10.916	43	534850	719.111	ug/l	98
60) Dibromochloromethane	11.075	129	241513	151.627	ug/l	98
61) 1,2-Dibromoethane	11.175	107	172497	141.663	ug/l	99
64) Tetrachloroethene	10.810	164	230255	157.930	ug/l	97
65) Chlorobenzene	11.604	112	725175	149.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	257531	149.360	ug/l	99
67) Ethyl Benzene	11.681	91	1411665	160.675	ug/l	99
68) m/p-Xylenes	11.793	106	1069323	317.802	ug/l	100
69) o-Xylene	12.116	106	498284	163.552	ug/l	99
70) Styrene	12.134	104	864747	183.055	ug/l	99
71) Bromoform	12.299	173	135558	152.960	ug/l #	99
73) Isopropylbenzene	12.416	105	1261753	144.135	ug/l	100
74) N-amyl acetate	12.228	43	283254	164.386	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	211438	129.389	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	132208m	123.793	ug/l	
77) Bromobenzene	12.698	156	293290	149.543	ug/l	99
78) n-propylbenzene	12.763	91	1576590	144.602	ug/l	99
79) 2-Chlorotoluene	12.846	91	857019	145.926	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	1063338	145.774	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	77662	152.661	ug/l	96
82) 4-Chlorotoluene	12.946	91	902897	145.497	ug/l	98
83) tert-Butylbenzene	13.163	119	917158	150.990	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	1112617	150.085	ug/l	100
85) sec-Butylbenzene	13.340	105	1404877	151.354	ug/l	99
86) p-Isopropyltoluene	13.457	119	1263490	157.362	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	627834	154.550	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	591627	147.219	ug/l	98
89) n-Butylbenzene	13.787	91	1172082	150.575	ug/l	98
90) Hexachloroethane	14.051	117	229683	144.014	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	511222	148.993	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.440	75	33320	139.818	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	350006	164.758	ug/l	100
94) Hexachlorobutadiene	15.198	225	192760	185.360	ug/l	97
95) Naphthalene	15.328	128	632856	161.048	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	308375	172.165	ug/l	98

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

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