

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079487.D
 Acq On : 31 Jul 2024 06:57
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024

Quant Time: Jul 31 08:25:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	206674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	366974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	337932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	121088	57.672	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.340%			
35) Dibromofluoromethane	7.804	113	130168	52.406	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.820%			
50) Toluene-d8	10.269	98	511683	53.048	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.100%			
62) 4-Bromofluorobenzene	12.569	95	149472	53.550	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	78341	48.378	ug/l	98
3) Chloromethane	2.146	50	155689	52.179	ug/l	95
4) Vinyl Chloride	2.281	62	185551	52.302	ug/l	98
5) Bromomethane	2.687	94	139048	62.769	ug/l	99
6) Chloroethane	2.834	64	116778	51.225	ug/l	98
7) Trichlorofluoromethane	3.169	101	176907	50.142	ug/l	97
8) Diethyl Ether	3.593	74	60107	56.399	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.963	101	103931	46.576	ug/l	98
10) Methyl Iodide	4.163	142	159431	57.788	ug/l	99
11) Tert butyl alcohol	5.058	59	30507	315.973	ug/l	98
12) 1,1-Dichloroethene	3.940	96	114940	51.472	ug/l	94
13) Acrolein	3.799	56	34224	230.707	ug/l	97
14) Allyl chloride	4.563	41	157336	53.356	ug/l	88
15) Acrylonitrile	5.252	53	145167	291.493	ug/l	97
16) Acetone	4.022	43	88125	215.970	ug/l	97
17) Carbon Disulfide	4.269	76	382550	51.898	ug/l	98
18) Methyl Acetate	4.563	43	114951	90.735	ug/l	88
19) Methyl tert-butyl Ether	5.316	73	269313	59.083	ug/l	99
20) Methylene Chloride	4.799	84	173712	59.705	ug/l	90
21) trans-1,2-Dichloroethene	5.310	96	137424	54.781	ug/l	89
22) Diisopropyl ether	6.216	45	379260	57.806	ug/l #	93
23) Vinyl Acetate	6.152	43	1233618	250.125	ug/l	93
24) 1,1-Dichloroethane	6.110	63	240592	54.720	ug/l	95
25) 2-Butanone	7.081	43	152353	263.363	ug/l	94
26) 2,2-Dichloropropane	7.075	77	161616	45.444	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	160323	55.912	ug/l	92
28) Bromochloromethane	7.422	49	111863	58.019	ug/l #	74
29) Tetrahydrofuran	7.440	42	105648	294.689	ug/l #	84
30) Chloroform	7.599	83	249103	55.947	ug/l	100
31) Cyclohexane	7.881	56	162947	46.729	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	194600	52.966	ug/l	98
36) 1,1-Dichloropropene	8.010	75	163408	48.200	ug/l	98
37) Ethyl Acetate	7.169	43	73019	52.532	ug/l	94
38) Carbon Tetrachloride	7.993	117	169833	47.654	ug/l	96
39) Methylcyclohexane	9.275	83	179973	44.493	ug/l	96
40) Benzene	8.252	78	553679	51.420	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	39943	52.242	ug/l	86
42) 1,2-Dichloroethane	8.328	62	132600	51.677	ug/l	97
43) Isopropyl Acetate	8.363	43	127793	48.918	ug/l	96
44) Trichloroethene	9.028	130	131739	49.148	ug/l	97
45) 1,2-Dichloropropane	9.304	63	135804	51.825	ug/l	95
46) Dibromomethane	9.393	93	77535	53.373	ug/l	97
47) Bromodichloromethane	9.581	83	187817	52.654	ug/l	99
48) Methyl methacrylate	9.381	41	63742	54.522	ug/l	88
49) 1,4-Dioxane	9.387	88	15040	999.153	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	374402	280.716	ug/l	94
52) Toluene	10.334	92	349830	52.531	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	166964	50.687	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	201241	50.789	ug/l	92
55) 1,1,2-Trichloroethane	10.734	97	104278	54.492	ug/l	96
56) Ethyl methacrylate	10.598	69	122633	54.084	ug/l #	88
57) 1,3-Dichloropropane	10.875	76	178883	55.010	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	320497	306.497	ug/l	92
59) 2-Hexanone	10.922	43	248584	267.242	ug/l	96
60) Dibromochloromethane	11.069	129	133883	53.556	ug/l	99
61) 1,2-Dibromoethane	11.175	107	97180	54.207	ug/l	96
64) Tetrachloroethene	10.810	164	115405	50.646	ug/l	96
65) Chlorobenzene	11.604	112	382432	51.106	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	131697	53.491	ug/l	97
67) Ethyl Benzene	11.681	91	626188	51.116	ug/l	99
68) m/p-Xylenes	11.792	106	505116	103.930	ug/l	93
69) o-Xylene	12.116	106	237946	53.413	ug/l	94
70) Styrene	12.134	104	423723	54.253	ug/l	98
71) Bromoform	12.298	173	77340	55.567	ug/l #	98
73) Isopropylbenzene	12.416	105	581721	47.943	ug/l	99
74) N-amyl acetate	12.228	43	116735	48.826	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	115504	54.697	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	84890m	59.746	ug/l	
77) Bromobenzene	12.698	156	148112	54.341	ug/l	91
78) n-propylbenzene	12.757	91	709991	52.253	ug/l	97
79) 2-Chlorotoluene	12.845	91	403035	53.270	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	483388	53.385	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	39597	53.153	ug/l	99
82) 4-Chlorotoluene	12.945	91	421602	53.454	ug/l	98
83) tert-Butylbenzene	13.163	119	409856	46.967	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	495565	48.738	ug/l	99
85) sec-Butylbenzene	13.339	105	614887	51.055	ug/l	99
86) p-Isopropyltoluene	13.457	119	517079	45.730	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	288309	51.065	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	281184	50.657	ug/l	97
89) n-Butylbenzene	13.781	91	447224	43.064	ug/l	98
90) Hexachloroethane	14.051	117	109216	51.847	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	258219	53.514	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15340	54.595	ug/l	98
93) 1,2,4-Trichlorobenzene	15.092	180	145793	47.956	ug/l	99
94) Hexachlorobutadiene	15.198	225	73946	45.066	ug/l	97
95) Naphthalene	15.328	128	290041	55.121	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	136099	50.892	ug/l	98

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

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