

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079686.D
 Acq On : 09 Aug 2024 11:00
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

08/12/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Aug 10 05:06:35 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	206400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	385835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	348502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	176544	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	107926	51.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.940%	
35) Dibromofluoromethane	7.804	113	108589	41.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.160%	
50) Toluene-d8	10.269	98	433103	42.706	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.420%	
62) 4-Bromofluorobenzene	12.569	95	130571	44.492	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	73791	45.629	ug/l	96
3) Chloromethane	2.146	50	155104	52.052	ug/l	95
4) Vinyl Chloride	2.281	62	180952	51.074	ug/l	99
5) Bromomethane	2.681	94	116313	52.124	ug/l	96
6) Chloroethane	2.828	64	132328	58.124	ug/l	99
7) Trichlorofluoromethane	3.164	101	172453	48.944	ug/l	93
8) Diethyl Ether	3.587	74	62377	58.606	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.963	101	105493	47.339	ug/l	94
10) Methyl Iodide	4.158	142	116203	43.555	ug/l	95
11) Tert butyl alcohol	5.058	59	37364	376.172	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	106237	47.637	ug/l	92
13) Acrolein	3.793	56	31450	212.862	ug/l	96
14) Allyl chloride	4.552	41	170511	57.901	ug/l #	84
15) Acrylonitrile	5.252	53	156147	313.957	ug/l	98
16) Acetone	4.016	43	145716	357.584	ug/l	89
17) Carbon Disulfide	4.263	76	329104	44.707	ug/l	98
18) Methyl Acetate	4.558	43	76936	60.809	ug/l #	84
19) Methyl tert-butyl Ether	5.310	73	269676	59.241	ug/l	99
20) Methylene Chloride	4.799	84	157775	53.172	ug/l #	87
21) trans-1,2-Dichloroethene	5.305	96	123536	49.310	ug/l #	84
22) Diisopropyl ether	6.216	45	391063	59.684	ug/l #	93
23) Vinyl Acetate	6.152	43	1577305	320.235	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	238735	54.370	ug/l	95
25) 2-Butanone	7.081	43	201342	348.509	ug/l	91
26) 2,2-Dichloropropane	7.075	77	182979	51.519	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	146349	51.106	ug/l	84
28) Bromochloromethane	7.422	49	123291	64.032	ug/l #	65
29) Tetrahydrofuran	7.440	42	118633	331.348	ug/l #	81
30) Chloroform	7.593	83	232631	52.317	ug/l	100
31) Cyclohexane	7.881	56	173733	49.889	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	183145	49.914	ug/l	98
36) 1,1-Dichloropropene	8.004	75	156312	43.853	ug/l	96
37) Ethyl Acetate	7.163	43	83333	57.021	ug/l #	93
38) Carbon Tetrachloride	7.987	117	162387	43.337	ug/l	96
39) Methylcyclohexane	9.275	83	189244	44.497	ug/l	91
40) Benzene	8.252	78	519613	45.897	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	46018	57.246	ug/l #	83
42) 1,2-Dichloroethane	8.322	62	130177	48.253	ug/l	94
43) Isopropyl Acetate	8.363	43	153435	55.863	ug/l #	89
44) Trichloroethene	9.028	130	115722	41.062	ug/l	94
45) 1,2-Dichloropropane	9.304	63	137428	49.881	ug/l	97
46) Dibromomethane	9.393	93	70467	46.136	ug/l	89
47) Bromodichloromethane	9.581	83	174954	46.650	ug/l	100
48) Methyl methacrylate	9.381	41	70711	57.526	ug/l #	82
49) 1,4-Dioxane	9.381	88	17253	1090.140	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	422114	301.018	ug/l	92
52) Toluene	10.328	92	322898	46.116	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	169682	48.994	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	198956	47.758	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	96678	48.051	ug/l	94
56) Ethyl methacrylate	10.598	69	131722	55.253	ug/l	88
57) 1,3-Dichloropropane	10.875	76	170084	49.747	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	280282	254.936	ug/l #	88
59) 2-Hexanone	10.922	43	310556	317.545	ug/l	95
60) Dibromochloromethane	11.069	129	117140	44.568	ug/l	97
61) 1,2-Dibromoethane	11.175	107	85324	45.267	ug/l	95
64) Tetrachloroethene	10.804	164	93051	39.597	ug/l	90
65) Chlorobenzene	11.604	112	355471	46.062	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	116810	46.006	ug/l	99
67) Ethyl Benzene	11.681	91	603889	47.801	ug/l	97
68) m/p-Xylenes	11.792	106	480529	95.873	ug/l	95
69) o-Xylene	12.116	106	221427	48.198	ug/l	89
70) Styrene	12.134	104	405290	50.319	ug/l	97
71) Bromoform	12.292	173	64631	45.027	ug/l #	96
73) Isopropylbenzene	12.416	105	570940	43.674	ug/l	98
74) N-amyl acetate	12.228	43	151145	58.208	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	118594	51.709	ug/l	95
76) 1,2,3-Trichloropropane	12.716	75	71958m	46.630	ug/l	
77) Bromobenzene	12.698	156	129827	43.857	ug/l	80
78) n-propylbenzene	12.757	91	705118	47.781	ug/l	96
79) 2-Chlorotoluene	12.845	91	391621	47.659	ug/l	94
80) 1,3,5-Trimethylbenzene	12.898	105	475494	48.351	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	43503	53.767	ug/l	98
82) 4-Chlorotoluene	12.945	91	416204	48.587	ug/l	95
83) tert-Butylbenzene	13.163	119	402994	42.863	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	489916	44.671	ug/l	97
85) sec-Butylbenzene	13.339	105	622206	47.568	ug/l	98
86) p-Isopropyltoluene	13.457	119	529760	43.358	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	272020	44.361	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	267539	44.378	ug/l	96
89) n-Butylbenzene	13.787	91	500718	44.277	ug/l	98
90) Hexachloroethane	14.051	117	105213	45.988	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	239432	45.688	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	15460	50.661	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	145519	44.072	ug/l	97
94) Hexachlorobutadiene	15.204	225	72785	40.843	ug/l	95
95) Naphthalene	15.328	128	313022	54.773	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	130988	45.098	ug/l	100

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

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