

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079726.D
 Acq On : 13 Aug 2024 19:22
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 14 05:55:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	158041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	308264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	118118	64.963	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.920%			
35) Dibromofluoromethane	7.805	113	113130	59.530	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.060%			
50) Toluene-d8	10.269	98	478893	60.293	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 120.580%			
62) 4-Bromofluorobenzene	12.569	95	135048	60.725	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 121.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	63725	48.891	ug/l	99
3) Chloromethane	2.146	50	160323	52.524	ug/l	98
4) Vinyl Chloride	2.281	62	192340	53.305	ug/l	98
5) Bromomethane	2.687	94	126454	51.486	ug/l	96
6) Chloroethane	2.828	64	137874	55.976	ug/l	98
7) Trichlorofluoromethane	3.170	101	159792	49.516	ug/l	97
8) Diethyl Ether	3.587	74	63945	63.368	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	95300	50.164	ug/l	93
10) Methyl Iodide	4.158	142	118981	55.955	ug/l	93
11) Tert butyl alcohol	5.058	59	36004	383.727	ug/l #	96
12) 1,1-Dichloroethene	3.934	96	106199	53.461	ug/l	94
13) Acrolein	3.793	56	59606	281.834	ug/l	99
14) Allyl chloride	4.558	41	164834	55.323	ug/l #	84
15) Acrylonitrile	5.252	53	151356	325.821	ug/l	98
16) Acetone	4.022	43	97568	228.421	ug/l	98
17) Carbon Disulfide	4.264	76	369422	52.462	ug/l	98
18) Methyl Acetate	4.564	43	74191	59.849	ug/l #	84
19) Methyl tert-butyl Ether	5.311	73	268981	65.944	ug/l	96
20) Methylene Chloride	4.793	84	148569	60.023	ug/l #	83
21) trans-1,2-Dichloroethene	5.311	96	127845	58.618	ug/l #	85
22) Diisopropyl ether	6.216	45	379802	61.858	ug/l #	93
23) Vinyl Acetate	6.158	43	1471793	327.030	ug/l #	90
24) 1,1-Dichloroethane	6.111	63	230401	56.765	ug/l	95
25) 2-Butanone	7.081	43	161079	287.954	ug/l	92
26) 2,2-Dichloropropane	7.075	77	153140	47.774	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	148206	58.584	ug/l	87
28) Bromochloromethane	7.422	49	106338	61.586	ug/l #	66
29) Tetrahydrofuran	7.446	42	116403	342.302	ug/l #	81
30) Chloroform	7.593	83	228241	57.908	ug/l	95
31) Cyclohexane	7.881	56	163966	49.336	ug/l	84
32) 1,1,1-Trichloroethane	7.793	97	179267	54.976	ug/l	98
36) 1,1-Dichloropropene	8.005	75	160210	54.386	ug/l	95
37) Ethyl Acetate	7.169	43	79331	59.507	ug/l	95
38) Carbon Tetrachloride	7.993	117	160322	53.618	ug/l	99
39) Methylcyclohexane	9.275	83	180263	51.774	ug/l	94
40) Benzene	8.246	78	530492	55.371	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	37552	53.484	ug/l	93
42) 1,2-Dichloroethane	8.322	62	131269	59.276	ug/l	94
43) Isopropyl Acetate	8.358	43	147538	63.457	ug/l #	92
44) Trichloroethene	9.028	130	113145	53.770	ug/l	89
45) 1,2-Dichloropropane	9.299	63	133430	56.581	ug/l	98
46) Dibromomethane	9.393	93	70764	59.272	ug/l	90
47) Bromodichloromethane	9.581	83	172185	57.214	ug/l	97
48) Methyl methacrylate	9.381	41	68366	63.929	ug/l #	82
49) 1,4-Dioxane	9.387	88	16849	1402.226	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	389616	325.727	ug/l	94
52) Toluene	10.334	92	331677	57.734	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	161595	57.440	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	193265	55.973	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	93220	58.573	ug/l	94
56) Ethyl methacrylate	10.599	69	127977	63.418	ug/l	89
57) 1,3-Dichloropropane	10.875	76	165308	60.249	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	274588	316.381	ug/l	89
59) 2-Hexanone	10.916	43	265616	298.612	ug/l	96
60) Dibromochloromethane	11.069	129	115348	58.825	ug/l	96
61) 1,2-Dibromoethane	11.175	107	84632	59.885	ug/l	94
64) Tetrachloroethene	10.810	164	98535	56.698	ug/l	93
65) Chlorobenzene	11.604	112	350636	56.142	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	114510	56.237	ug/l	98
67) Ethyl Benzene	11.681	91	610626	55.721	ug/l	97
68) m/p-Xylenes	11.787	106	479534	112.530	ug/l	92
69) o-Xylene	12.116	106	221643	56.908	ug/l	88
70) Styrene	12.128	104	408026	59.718	ug/l	96
71) Bromoform	12.299	173	62378	59.597	ug/l #	98
73) Isopropylbenzene	12.416	105	563993	55.542	ug/l	99
74) N-amyl acetate	12.228	43	143157	63.280	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	108630	57.295	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	65962m	55.943	ug/l	
77) Bromobenzene	12.698	156	129686	57.105	ug/l	82
78) n-propylbenzene	12.757	91	692354	55.101	ug/l	96
79) 2-Chlorotoluene	12.846	91	385986	55.165	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	469162	55.716	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	39637	57.286	ug/l	99
82) 4-Chlorotoluene	12.946	91	407991	55.451	ug/l	96
83) tert-Butylbenzene	13.163	119	391548	55.096	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	486625	56.487	ug/l	99
85) sec-Butylbenzene	13.340	105	596959	54.512	ug/l	98
86) p-Isopropyltoluene	13.457	119	510064	55.445	ug/l	98
87) 1,3-Dichlorobenzene	13.451	146	269125	55.667	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	265716	55.679	ug/l	97
89) n-Butylbenzene	13.781	91	475420	54.826	ug/l	99
90) Hexachloroethane	14.051	117	100313	53.145	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	238845	57.363	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	15387	59.456	ug/l	85
93) 1,2,4-Trichlorobenzene	15.092	180	137878	57.561	ug/l	98
94) Hexachlorobutadiene	15.198	225	63742	52.918	ug/l	97
95) Naphthalene	15.328	128	298406	65.138	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	126165	60.090	ug/l	98

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

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