

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090524\
 Data File : VD079781.D
 Acq On : 05 Sep 2024 11:53
 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 :Romaben
 Patel

Quant Time: Sep 06 01:35:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						09/06/2024
1) Pentafluorobenzene	7.875	168	115461	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	216724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	245966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108268	50.000	ug/l	0.00
System Monitoring Compounds						09/06/2024
33) 1,2-Dichloroethane-d4	8.228	65	82782	52.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.160%
35) Dibromofluoromethane	7.804	113	69550	49.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.269	98	326129	53.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.960%
62) 4-Bromofluorobenzene	12.569	95	102129	60.415	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	120.820%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	58673	42.320	ug/l	98
3) Chloromethane	2.146	50	135444	46.896	ug/l	96
4) Vinyl Chloride	2.281	62	165808	47.653	ug/l	98
5) Bromomethane	2.687	94	110619	45.925	ug/l	100
6) Chloroethane	2.834	64	115588	49.000	ug/l	100
7) Trichlorofluoromethane	3.175	101	121131	46.119	ug/l	92
8) Diethyl Ether	3.587	74	42469	50.965	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.963	101	65048	44.231	ug/l	90
10) Methyl Iodide	4.163	142	76689	45.257	ug/l #	87
11) Tert butyl alcohol	5.058	59	22618	291.327	ug/l #	83
12) 1,1-Dichloroethene	3.940	96	71358	46.215	ug/l	85
13) Acrolein	3.799	56	24072	159.038	ug/l	96
14) Allyl chloride	4.558	41	109309	48.053	ug/l #	89
15) Acrylonitrile	5.252	53	99789	265.566	ug/l	99
16) Acetone	4.016	43	108904	333.350	ug/l	96
17) Carbon Disulfide	4.269	76	259317	45.929	ug/l	98
18) Methyl Acetate	4.558	43	44210	47.210	ug/l #	83
19) Methyl tert-butyl Ether	5.316	73	180202	53.328	ug/l	93
20) Methylene Chloride	4.799	84	93437	47.356	ug/l #	78
21) trans-1,2-Dichloroethene	5.305	96	81668	47.657	ug/l	84
22) Diisopropyl ether	6.210	45	256944	53.672	ug/l #	90
23) Vinyl Acetate	6.152	43	779742	280.435	ug/l #	90
24) 1,1-Dichloroethane	6.110	63	150021	47.922	ug/l	95
25) 2-Butanone	7.075	43	139145	319.257	ug/l	93
26) 2,2-Dichloropropane	7.069	77	127716	52.436	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	101565	51.675	ug/l	84
28) Bromochloromethane	7.422	49	65251	46.895	ug/l #	58
29) Tetrahydrofuran	7.446	42	82573	306.302	ug/l #	77
30) Chloroform	7.593	83	154305	49.652	ug/l	98
31) Cyclohexane	7.875	56	142840	54.274	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	132270	51.098	ug/l	96
36) 1,1-Dichloropropene	8.004	75	117604	56.325	ug/l	95
37) Ethyl Acetate	7.169	43	57418	62.230	ug/l #	93
38) Carbon Tetrachloride	7.987	117	121074	54.372	ug/l	99
39) Methylcyclohexane	9.269	83	137878	54.226	ug/l	88
40) Benzene	8.246	78	377953	54.278	ug/l	96

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 Supervised By :Mahesh
 adoda

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.399	41	27429	51.949	ug/l	#	85
42) 1,2-Dichloroethane	8.322	62	96101	56.272	ug/l		93
43) Isopropyl Acetate	8.357	43	107721	62.579	ug/l	#	89
44) Trichloroethene	9.028	130	74516	50.143	ug/l		79
45) 1,2-Dichloropropane	9.304	63	98008	58.305	ug/l		92
46) Dibromomethane	9.393	93	49978	56.205	ug/l	#	85
47) Bromodichloromethane	9.581	83	126162	56.813	ug/l		97
48) Methyl methacrylate	9.375	41	54637	65.761	ug/l	#	64
49) 1,4-Dioxane	9.381	88	12267	1373.130	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.157	43	301232	335.019	ug/l		91
52) Toluene	10.328	92	245510	58.296	ug/l		93
53) t-1,3-Dichloropropene	10.551	75	126696	60.520	ug/l		99
54) cis-1,3-Dichloropropene	10.016	75	144625	57.997	ug/l	#	90
55) 1,1,2-Trichloroethane	10.728	97	67891	58.362	ug/l		93
56) Ethyl methacrylate	10.598	69	93894	64.417	ug/l	#	73
57) 1,3-Dichloropropane	10.881	76	130969	62.454	ug/l	#	87
58) 2-Chloroethyl Vinyl ether	9.869	63	184323	281.816	ug/l		88
59) 2-Hexanone	10.922	43	230950	325.807	ug/l		92
60) Dibromochloromethane	11.069	129	78794	55.067	ug/l		98
61) 1,2-Dibromoethane	11.175	107	59729	58.588	ug/l		95
64) Tetrachloroethene	10.804	164	61182	42.346	ug/l		90
65) Chlorobenzene	11.604	112	256793	47.053	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.681	131	80643	44.983	ug/l		99
67) Ethyl Benzene	11.681	91	470661	48.922	ug/l		98
68) m/p-Xylenes	11.792	106	358170	96.983	ug/l		89
69) o-Xylene	12.116	106	210909	61.274	ug/l		95
70) Styrene	12.134	104	322515	53.681	ug/l	#	88
71) Bromoform	12.298	173	42682	47.475	ug/l	#	99
73) Isopropylbenzene	12.416	105	440963	57.226	ug/l		98
74) N-amyl acetate	12.234	43	118992	64.972	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.669	83	84352	57.027	ug/l		90
76) 1,2,3-Trichloropropane	12.722	75	51784m	55.961	ug/l		
77) Bromobenzene	12.698	156	88301	51.489	ug/l		73
78) n-propylbenzene	12.757	91	546988	57.445	ug/l		94
79) 2-Chlorotoluene	12.845	91	296743	55.942	ug/l		91
80) 1,3,5-Trimethylbenzene	12.898	105	361594	56.445	ug/l		94
81) trans-1,4-Dichloro-2-b...	12.463	75	94953	171.146	ug/l	#	49
82) 4-Chlorotoluene	12.945	91	311616	56.401	ug/l		93
83) tert-Butylbenzene	13.163	119	307283	57.722	ug/l		92
84) 1,2,4-Trimethylbenzene	13.210	105	376868	57.028	ug/l		96
85) sec-Butylbenzene	13.339	105	463763	56.980	ug/l		96
86) p-Isopropyltoluene	13.457	119	404174	51.772	ug/l		96
87) 1,3-Dichlorobenzene	13.457	146	192124	52.184	ug/l		95
88) 1,4-Dichlorobenzene	13.534	146	188637	51.244	ug/l		96
89) n-Butylbenzene	13.786	91	389831	59.785	ug/l		97
90) Hexachloroethane	14.051	117	75266	54.689	ug/l		80
91) 1,2-Dichlorobenzene	13.828	146	165063	52.354	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15341	71.037	ug/l		59
93) 1,2,4-Trichlorobenzene	15.092	180	105623	60.993	ug/l		96
94) Hexachlorobutadiene	15.198	225	47785	57.383	ug/l		96
95) Naphthalene	15.328	128	238890	67.980	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	88375	58.404	ug/l		97

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ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :Romaben
Patel

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

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

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