Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
Data File : VD079793.D
Acq On : 06 Sep 2024 12:33
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 06 23:56:59 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

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Romaben Patel

09/09/2024
Supervised By :Mahesh Dadoda

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.875	168	110723	50.000	ug/l	#	0.00
34) 1,4-Difluorobenzene	8.775	114	234633	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.581	117	245955	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110960	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.228	65	74233	49.171	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.340%				
35) Dibromofluoromethane	7.804	113	70693	46.353	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.700%				
50) Toluene-d8	10.269	98	303619	46.419	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.840%				
62) 4-Bromofluorobenzene	12.575	95	92374	50.473	ug/l		0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 100.940%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	54886	41.283	ug/l		99
3) Chloromethane	2.146	50	136121	49.147	ug/l		94
4) Vinyl Chloride	2.281	62	161882	48.516	ug/l		99
5) Bromomethane	2.687	94	112574	48.737	ug/l		95
6) Chloroethane	2.834	64	117119	51.774	ug/l		98
7) Trichlorofluoromethane	3.169	101	114617	45.506	ug/l		96
8) Diethyl Ether	3.593	74	39950	49.993	ug/l		82
9) 1,1,2-Trichlorotrifluo...	3.963	101	61301	43.467	ug/l		91
10) Methyl Iodide	4.163	142	72475	44.601	ug/l	#	87
11) Tert butyl alcohol	5.052	59	20662	277.521	ug/l	#	82
12) 1,1-Dichloroethene	3.940	96	67798	45.788	ug/l	#	72
13) Acrolein	3.793	56	21832	150.411	ug/l		100
14) Allyl chloride	4.558	41	108852	49.900	ug/l	#	88
15) Acrylonitrile	5.258	53	98364	272.976	ug/l		97
16) Acetone	4.016	43	97878	312.421	ug/l		99
17) Carbon Disulfide	4.269	76	236285	43.641	ug/l		97
18) Methyl Acetate	4.558	43	44546	49.604	ug/l	#	82
19) Methyl tert-butyl Ether	5.316	73	174488	53.847	ug/l		99
20) Methylene Chloride	4.799	84	97592	51.821	ug/l	#	84
21) trans-1,2-Dichloroethene	5.310	96	79459	48.352	ug/l	#	83
22) Diisopropyl ether	6.210	45	251507	54.784	ug/l	#	87
23) Vinyl Acetate	6.152	43	759910	284.485	ug/l	#	90
24) 1,1-Dichloroethane	6.105	63	147512	49.137	ug/l		92
25) 2-Butanone	7.075	43	125308	299.812	ug/l		90
26) 2,2-Dichloropropane	7.075	77	118375	50.681	ug/l		98
27) cis-1,2-Dichloroethene	7.075	96	92793	49.232	ug/l		84
28) Bromochloromethane	7.422	49	70692	52.980	ug/l	#	56
29) Tetrahydrofuran	7.446	42	77706	300.583	ug/l	#	76
30) Chloroform	7.593	83	149208	50.066	ug/l		97
31) Cyclohexane	7.875	56	125912	49.889	ug/l	#	79
32) 1,1,1-Trichloroethane	7.793	97	123492	49.748	ug/l		95
36) 1,1-Dichloropropene	8.004	75	105211	46.543	ug/l		95
37) Ethyl Acetate	7.169	43	53780	53.838	ug/l	#	93
38) Carbon Tetrachloride	7.993	117	106112	44.015	ug/l		97
39) Methylcyclohexane	9.275	83	132217	48.030	ug/l		89
40) Benzene	8.246	78	350593	46.506	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.393	41	28399	49.681	ug/l	#	84
42) 1,2-Dichloroethane	8.328	62	87938	47.562	ug/l		93
43) Isopropyl Acetate	8.357	43	98200	52.694	ug/l	#	91
44) Trichloroethene	9.028	130	71435	44.400	ug/l		91
45) 1,2-Dichloropropane	9.304	63	90968	49.986	ug/l		93
46) Dibromomethane	9.393	93	47131	48.958	ug/l	#	84
47) Bromodichloromethane	9.581	83	116833	48.596	ug/l		96
48) Methyl methacrylate	9.381	41	48634	54.068	ug/l	#	80
49) 1,4-Dioxane	9.381	88	10044	1038.480	ug/l	#	80
51) 4-Methyl-2-Pentanone	10.157	43	300014	308.196	ug/l		91
52) Toluene	10.334	92	227458	49.887	ug/l		98
53) t-1,3-Dichloropropene	10.551	75	116380	51.349	ug/l		92
54) cis-1,3-Dichloropropene	10.016	75	135203	50.080	ug/l	#	85
55) 1,1,2-Trichloroethane	10.728	97	62086	49.298	ug/l		93
56) Ethyl methacrylate	10.593	69	85975	54.482	ug/l	#	79
57) 1,3-Dichloropropane	10.881	76	125827	55.422	ug/l	#	63
58) 2-Chloroethyl Vinyl ether	9.869	63	174170	250.126	ug/l	#	86
59) 2-Hexanone	10.916	43	221629	291.091	ug/l		93
60) Dibromochloromethane	11.075	129	76016	49.071	ug/l		95
61) 1,2-Dibromoethane	11.175	107	56419	51.118	ug/l		98
64) Tetrachloroethene	10.810	164	59417	41.126	ug/l		90
65) Chlorobenzene	11.604	112	247001	45.261	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.681	131	77069	42.991	ug/l		97
67) Ethyl Benzene	11.681	91	725108	75.373	ug/l	#	84
68) m/p-Xylenes	11.792	106	334063	90.459	ug/l		88
69) o-Xylene	12.116	106	159992	46.484	ug/l		85
70) Styrene	12.134	104	281775	46.902	ug/l		94
71) Bromoform	12.298	173	38091	42.370	ug/l	#	99
73) Isopropylbenzene	12.416	105	771625	97.708	ug/l		86
74) N-amyl acetate	12.228	43	109849	58.525	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.669	83	79320	52.324	ug/l		98
76) 1,2,3-Trichloropropane	12.716	75	58527m	61.713	ug/l		
77) Bromobenzene	12.698	156	85840	48.839	ug/l		73
78) n-propylbenzene	12.763	91	518487	53.131	ug/l		93
79) 2-Chlorotoluene	12.845	91	390296	71.794	ug/l		78
80) 1,3,5-Trimethylbenzene	12.904	105	344490	52.471	ug/l		94
81) trans-1,4-Dichloro-2-b...	12.469	75	29800	52.409	ug/l		93
82) 4-Chlorotoluene	12.945	91	297846	52.601	ug/l		91
83) tert-Butylbenzene	13.163	119	282699	51.816	ug/l		91
84) 1,2,4-Trimethylbenzene	13.210	105	356647	52.659	ug/l		95
85) sec-Butylbenzene	13.339	105	444004	53.229	ug/l		97
86) p-Isopropyltoluene	13.457	119	374657	47.185	ug/l		96
87) 1,3-Dichlorobenzene	13.457	146	182988	48.496	ug/l		97
88) 1,4-Dichlorobenzene	13.534	146	177936	47.165	ug/l		95
89) n-Butylbenzene	13.786	91	362687	54.273	ug/l		97
90) Hexachloroethane	14.051	117	71430	50.642	ug/l		80
91) 1,2-Dichlorobenzene	13.828	146	158692	49.112	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11016	49.772	ug/l		75
93) 1,2,4-Trichlorobenzene	15.098	180	97879	55.150	ug/l		97
94) Hexachlorobutadiene	15.198	225	44241	51.838	ug/l		97
95) Naphthalene	15.328	128	223471	62.049	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	82875	53.441	ug/l		98

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

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

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