Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103024\
Data File : VY020079.D
Acq On : 30 Oct 2024 14:29
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 30 15:03:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 14:00:05 2024
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/01/2024
Supervised By :Mahesh Dadoda 11/01/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.707	168	250425	50.000	ug/l	#	0.00
34) 1,4-Difluorobenzene	8.616	114	439442	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.414	117	392085	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	191175	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.061	65	334356	109.911	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 219.820%#				
35) Dibromofluoromethane	7.634	113	299098	110.903	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 221.800%#				
50) Toluene-d8	10.103	98	1212617	113.817	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 227.640%#				
62) 4-Bromofluorobenzene	12.402	95	407188	119.648	ug/l		0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 239.300%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.867	85	228307	98.125	ug/l		98
3) Chloromethane	2.068	50	366223	93.131	ug/l		97
4) Vinyl Chloride	2.202	62	405238	97.185	ug/l		97
5) Bromomethane	2.592	94	260872	93.438	ug/l		98
6) Chloroethane	2.733	64	263815	98.055	ug/l		98
7) Trichlorofluoromethane	3.056	101	506774	101.014	ug/l		96
8) Diethyl Ether	3.452	74	148665	109.219	ug/l		74
9) 1,1,2-Trichlorotrifluo...	3.812	101	281087	99.430	ug/l		91
10) Methyl Iodide	4.007	142	289107	109.727	ug/l		90
11) Tert butyl alcohol	4.860	59	102524	432.114	ug/l	#	81
12) 1,1-Dichloroethene	3.793	96	272143	101.471	ug/l	#	80
13) Acrolein	3.653	56	149511	544.019	ug/l		98
14) Allyl chloride	4.385	41	506132	106.308	ug/l	#	89
15) Acrylonitrile	5.061	53	348902	565.943	ug/l		98
16) Acetone	3.866	43	414042	600.958	ug/l	#	85
17) Carbon Disulfide	4.104	76	917608	103.144	ug/l		99
18) Methyl Acetate	4.385	43	181329	108.133	ug/l	#	86
19) Methyl tert-butyl Ether	5.116	73	742574	114.253	ug/l		98
20) Methylene Chloride	4.616	84	299130	87.904	ug/l	#	81
21) trans-1,2-Dichloroethene	5.116	96	308673	102.448	ug/l		86
22) Diisopropyl ether	6.019	45	1086016	111.305	ug/l	#	91
23) Vinyl Acetate	5.958	43	3189495	592.620	ug/l	#	90
24) 1,1-Dichloroethane	5.915	63	598212	103.320	ug/l		96
25) 2-Butanone	6.890	43	549299	581.259	ug/l	#	84
26) 2,2-Dichloropropane	6.884	77	493900	102.464	ug/l		95
27) cis-1,2-Dichloroethene	6.890	96	370675	108.807	ug/l		84
28) Bromochloromethane	7.244	49	277089	102.166	ug/l	#	72
29) Tetrahydrofuran	7.262	42	320026	589.375	ug/l	#	82
30) Chloroform	7.421	83	599049	104.788	ug/l		99
31) Cyclohexane	7.701	56	547474	94.777	ug/l		89
32) 1,1,1-Trichloroethane	7.616	97	521551	104.903	ug/l		94
36) 1,1-Dichloropropene	7.835	75	449890	106.392	ug/l		94
37) Ethyl Acetate	6.988	43	223721	111.760	ug/l	#	94
38) Carbon Tetrachloride	7.817	117	456363	108.209	ug/l		99
39) Methylcyclohexane	9.109	83	584361	110.176	ug/l	#	87
40) Benzene	8.079	78	1321405	107.416	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.213	41	116421	86.544	ug/l		87
42) 1,2-Dichloroethane	8.158	62	373520	110.555	ug/l		93
43) Isopropyl Acetate	8.195	43	447889	119.599	ug/l	#	78
44) Trichloroethene	8.866	130	305872	107.143	ug/l		88
45) 1,2-Dichloropropane	9.140	63	318959	109.122	ug/l		97
46) Dibromomethane	9.231	93	175876	111.406	ug/l		88
47) Bromodichloromethane	9.420	83	461878	112.218	ug/l	#	98
48) Methyl methacrylate	9.219	41	214211	126.286	ug/l	#	80
49) 1,4-Dioxane	9.231	88	39210	2496.859	ug/l	#	83
51) 4-Methyl-2-Pentanone	9.993	43	1181631	617.696	ug/l		90
52) Toluene	10.170	92	837777	112.304	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	427557	121.149	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	503580	118.582	ug/l	#	86
55) 1,1,2-Trichloroethane	10.573	97	225678	116.492	ug/l		95
56) Ethyl methacrylate	10.438	69	347881	131.431	ug/l	#	75
57) 1,3-Dichloropropane	10.713	76	407824	114.214	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	816231	604.610	ug/l		92
59) 2-Hexanone	10.755	43	870879	641.505	ug/l		87
60) Dibromochloromethane	10.908	129	291690	119.734	ug/l		100
61) 1,2-Dibromoethane	11.012	107	204752	112.681	ug/l		99
64) Tetrachloroethene	10.646	164	269475	106.219	ug/l		95
65) Chlorobenzene	11.438	112	873808	107.289	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.511	131	286476	111.823	ug/l		100
67) Ethyl Benzene	11.518	91	1657653	109.651	ug/l		100
68) m/p-Xylenes	11.627	106	1221696	221.671	ug/l		91
69) o-Xylene	11.950	106	584516	112.554	ug/l		92
70) Styrene	11.969	104	987405	116.822	ug/l		95
71) Bromoform	12.127	173	158309	124.151	ug/l	#	96
73) Isopropylbenzene	12.255	105	1567277	105.280	ug/l		98
74) N-amyl acetate	12.066	43	441898	126.177	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	277920	105.904	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	182495m	57.170	ug/l		
77) Bromobenzene	12.530	156	322208	107.408	ug/l		84
78) n-propylbenzene	12.591	91	1942949	104.334	ug/l		97
79) 2-Chlorotoluene	12.676	91	1075903	104.371	ug/l		94
80) 1,3,5-Trimethylbenzene	12.731	105	1265627	106.185	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.304	75	91153	115.411	ug/l	#	85
82) 4-Chlorotoluene	12.773	91	1110438	106.072	ug/l		94
83) tert-Butylbenzene	12.993	119	1104057	105.843	ug/l		93
84) 1,2,4-Trimethylbenzene	13.042	105	1276373	109.156	ug/l		96
85) sec-Butylbenzene	13.176	105	1697744	105.784	ug/l		98
86) p-Isopropyltoluene	13.292	119	1382922	108.729	ug/l		95
87) 1,3-Dichlorobenzene	13.285	146	651160	106.960	ug/l		97
88) 1,4-Dichlorobenzene	13.365	146	637014	103.744	ug/l		96
89) n-Butylbenzene	13.615	91	1400648	110.036	ug/l		98
90) Hexachloroethane	13.877	117	272543	107.795	ug/l		84
91) 1,2-Dichlorobenzene	13.657	146	566909	106.942	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	43753	111.936	ug/l		76
93) 1,2,4-Trichlorobenzene	14.919	180	330713	121.925	ug/l		98
94) Hexachlorobutadiene	15.023	225	173634	113.279	ug/l		99
95) Naphthalene	15.139	128	672775	138.827	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	281747	122.206	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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