Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101722\
Data File : VY010970.D
Acq On : 17 Oct 2022 13:03
Operator : KP/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 18 01:14:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:10:36 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.783	168	276233	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.685	114	446359	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.490	117	400955	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	199039	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.136	65	238240	93.629	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 187.260%#				
35) Dibromofluoromethane	7.716	113	240570	88.648	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 177.300%#				
50) Toluene-d8	10.179	98	890819	95.582	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 191.160%#				
62) 4-Bromofluorobenzene	12.477	95	316397	84.873	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 169.740%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.900	85	172363	94.070	ug/l		100
3) Chloromethane	2.113	50	239863	91.247	ug/l		97
4) Vinyl Chloride	2.247	62	282712	94.887	ug/l		100
5) Bromomethane	2.637	94	182550	88.584	ug/l		100
6) Chloroethane	2.784	64	188546	94.698	ug/l		97
7) Trichlorofluoromethane	3.119	101	418463	95.957	ug/l		92
8) Diethyl Ether	3.528	74	160466	98.603	ug/l		82
9) 1,1,2-Trichlorotrifluo...	3.893	101	263914	96.480	ug/l		93
10) Methyl Iodide	4.088	142	348228	104.036	ug/l		90
11) Tert butyl alcohol	4.954	59	140094	407.338	ug/l	#	95
12) 1,1-Dichloroethene	3.869	96	252672	96.425	ug/l		83
13) Acrolein	3.723	56	206448	503.280	ug/l		98
14) Allyl chloride	4.473	41	410675	98.828	ug/l	#	87
15) Acrylonitrile	5.155	53	429403	506.202	ug/l		97
16) Acetone	3.942	43	383236	518.644	ug/l	#	85
17) Carbon Disulfide	4.186	76	707928	92.153	ug/l		99
18) Methyl Acetate	4.473	43	205532	86.863	ug/l	#	89
19) Methyl tert-butyl Ether	5.216	73	750659	102.529	ug/l		97
20) Methylene Chloride	4.710	84	299593	71.226	ug/l		84
21) trans-1,2-Dichloroethene	5.210	96	286232	96.757	ug/l		88
22) Diisopropyl ether	6.112	45	892779	100.316	ug/l		91
23) Vinyl Acetate	6.051	43	2852741	536.039	ug/l	#	93
24) 1,1-Dichloroethane	6.009	63	525315	97.763	ug/l		99
25) 2-Butanone	6.978	43	567389	506.332	ug/l	#	86
26) 2,2-Dichloropropane	6.978	77	458752	96.142	ug/l		94
27) cis-1,2-Dichloroethene	6.984	96	337687	99.046	ug/l		88
28) Bromochloromethane	7.332	49	201342	120.216	ug/l		88
29) Tetrahydrofuran	7.344	42	353712	513.044	ug/l	#	86
30) Chloroform	7.502	83	529222	97.704	ug/l		99
31) Cyclohexane	7.783	56	448290	92.067	ug/l		95
32) 1,1,1-Trichloroethane	7.698	97	467162	98.118	ug/l		96
36) 1,1-Dichloropropene	7.911	75	404625	97.378	ug/l		98
37) Ethyl Acetate	7.070	43	239096	103.926	ug/l	#	94
38) Carbon Tetrachloride	7.899	117	420626	98.065	ug/l		99
39) Methylcyclohexane	9.179	83	495632	99.588	ug/l		93
40) Benzene	8.155	78	1182016	96.951	ug/l		96

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41) Methacrylonitrile	7.307	41	118775m	93.139	ug/l		
42) 1,2-Dichloroethane	8.234	62	330252	97.761	ug/l		90
43) Isopropyl Acetate	8.271	43	427055	103.899	ug/l	#	90
44) Trichloroethene	8.935	130	319915	96.829	ug/l		93
45) 1,2-Dichloropropane	9.216	63	305230	98.673	ug/l		96
46) Dibromomethane	9.301	93	171757	99.552	ug/l		97
47) Bromodichloromethane	9.496	83	414818	99.771	ug/l		99
48) Methyl methacrylate	9.289	41	195250	106.142	ug/l	#	79
49) 1,4-Dioxane	9.295	88	51542	2079.236	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.069	43	1193259	520.557	ug/l	#	87
52) Toluene	10.240	92	749324	98.932	ug/l		96
53) t-1,3-Dichloropropene	10.465	75	439168	101.677	ug/l		99
54) cis-1,3-Dichloropropene	9.923	75	500841	101.329	ug/l	#	83
55) 1,1,2-Trichloroethane	10.642	97	248560	99.864	ug/l		99
56) Ethyl methacrylate	10.508	69	357883	108.260	ug/l	#	77
57) 1,3-Dichloropropane	10.788	76	426754	99.722	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.783	63	843007	575.397	ug/l		97
59) 2-Hexanone	10.831	43	848278	538.728	ug/l		85
60) Dibromochloromethane	10.984	129	297675	100.578	ug/l		100
61) 1,2-Dibromoethane	11.087	107	238459	100.045	ug/l		99
64) Tetrachloroethene	10.715	164	300912	96.409	ug/l		96
65) Chlorobenzene	11.514	112	803550	97.615	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.587	131	302859	99.400	ug/l		97
67) Ethyl Benzene	11.587	91	1461625	100.365	ug/l		99
68) m/p-Xylenes	11.703	106	1123728	200.588	ug/l		95
69) o-Xylene	12.026	106	540320	101.572	ug/l		94
70) Styrene	12.044	104	921537	102.239	ug/l		96
71) Bromoform	12.209	173	191846	102.024	ug/l	#	100
73) Isopropylbenzene	12.331	105	1431227	98.974	ug/l		100
74) N-amyl acetate	12.142	43	387677	105.665	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	295194	97.269	ug/l		99
76) 1,2,3-Trichloropropane	12.630	75	215729m	93.558	ug/l		
77) Bromobenzene	12.605	156	328422	97.162	ug/l		99
78) n-propylbenzene	12.666	91	1730239	98.343	ug/l		99
79) 2-Chlorotoluene	12.752	91	967949	97.690	ug/l		98
80) 1,3,5-Trimethylbenzene	12.812	105	1187577	98.428	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.374	75	108135	102.919	ug/l	#	84
82) 4-Chlorotoluene	12.855	91	1000046	96.937	ug/l		99
83) tert-Butylbenzene	13.075	119	1046228	100.277	ug/l		94
84) 1,2,4-Trimethylbenzene	13.117	105	1181090	99.272	ug/l		99
85) sec-Butylbenzene	13.251	105	1553958	99.117	ug/l		100
86) p-Isopropyltoluene	13.367	119	1306886	100.482	ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	654038	96.953	ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	644170	96.038	ug/l		99
89) n-Butylbenzene	13.696	91	1223432	100.663	ug/l		98
90) Hexachloroethane	13.959	117	248865	96.955	ug/l		89
91) 1,2-Dichlorobenzene	13.739	146	585139	96.948	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	49737	99.122	ug/l		82
93) 1,2,4-Trichlorobenzene	15.007	180	372896	103.376	ug/l		99
94) Hexachlorobutadiene	15.111	225	205210	96.649	ug/l		98
95) Naphthalene	15.233	128	805367	109.631	ug/l		98
96) 1,2,3-Trichlorobenzene	15.422	180	326647	103.799	ug/l		99

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

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