Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010763.D
Acq On : 03 Oct 2022 13:19
Operator : KP/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 04 07:09:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:03:11 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
Reviewed By :Krupa Patel 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	275100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	440103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	402245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	198569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	281015	100.777	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 201.560%#			
35) Dibromofluoromethane	7.716	113	267975	91.727	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 183.460%#			
50) Toluene-d8	10.179	98	1097048	109.804	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 219.600%#			
62) 4-Bromofluorobenzene	12.483	95	371233	87.631	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 175.260%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	181473	95.219	ug/l	99
3) Chloromethane	2.113	50	302647	95.474	ug/l	96
4) Vinyl Chloride	2.247	62	365252	95.690	ug/l	100
5) Bromomethane	2.644	94	250111	92.343	ug/l	99
6) Chloroethane	2.790	64	242880	95.479	ug/l	99
7) Trichlorofluoromethane	3.125	101	442614	95.217	ug/l	95
8) Diethyl Ether	3.527	74	145683	97.418	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	255827	95.993	ug/l	95
10) Methyl Iodide	4.088	142	360000	101.050	ug/l	92
11) Tert butyl alcohol	4.948	59	116026	297.879	ug/l	98
12) 1,1-Dichloroethene	3.869	96	253803	97.583	ug/l	87
13) Acrolein	3.729	56	87922	409.701	ug/l	98
14) Allyl chloride	4.479	41	401890	103.223	ug/l #	93
15) Acrylonitrile	5.161	53	353362	485.030	ug/l	98
16) Acetone	3.942	43	335457	473.674	ug/l	90
17) Carbon Disulfide	4.192	76	814882	96.950	ug/l	100
18) Methyl Acetate	4.472	43	168603	93.012	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	693186	101.811	ug/l	95
20) Methylene Chloride	4.710	84	290848	77.977	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	299109	98.486	ug/l	90
22) Diisopropyl ether	6.118	45	887880	103.981	ug/l #	92
23) Vinyl Acetate	6.058	43	2716782	525.253	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	517657	99.552	ug/l	99
25) 2-Butanone	6.984	43	493840	485.022	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	473971	96.027	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	340993	101.170	ug/l	90
28) Bromochloromethane	7.332	49	203296	122.980	ug/l	88
29) Tetrahydrofuran	7.344	42	295731	493.917	ug/l #	86
30) Chloroform	7.508	83	526858	98.178	ug/l	99
31) Cyclohexane	7.783	56	484597	97.090	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	480062	99.305	ug/l	96
36) 1,1-Dichloropropene	7.917	75	423313	100.373	ug/l	98
37) Ethyl Acetate	7.070	43	203676	98.415	ug/l #	95
38) Carbon Tetrachloride	7.899	117	439537	100.062	ug/l	100
39) Methylcyclohexane	9.185	83	537642	103.786	ug/l	91
40) Benzene	8.161	78	1222080	100.592	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.307	41	131393m	124.645	ug/l		
42) 1,2-Dichloroethane	8.234	62	338847	98.656	ug/l		93
43) Isopropyl Acetate	8.271	43	382430	102.097	ug/l	#	90
44) Trichloroethene	8.941	130	328061	99.731	ug/l		98
45) 1,2-Dichloropropane	9.216	63	298056	101.769	ug/l		95
46) Dibromomethane	9.301	93	169161	100.979	ug/l		96
47) Bromodichloromethane	9.496	83	410224	101.470	ug/l		99
48) Methyl methacrylate	9.289	41	184914	105.106	ug/l	#	85
49) 1,4-Dioxane	9.295	88	41130	1994.491	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.069	43	1038802	506.906	ug/l		89
52) Toluene	10.246	92	797497	103.144	ug/l		95
53) t-1,3-Dichloropropene	10.465	75	436741	104.343	ug/l		99
54) cis-1,3-Dichloropropene	9.929	75	499787	104.271	ug/l	#	85
55) 1,1,2-Trichloroethane	10.642	97	232933	99.095	ug/l		97
56) Ethyl methacrylate	10.508	69	327397	108.402	ug/l	#	81
57) 1,3-Dichloropropane	10.788	76	405070	101.358	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.782	63	778561	582.776	ug/l		96
59) 2-Hexanone	10.831	43	738010	519.970	ug/l		87
60) Dibromochloromethane	10.983	129	286706	101.729	ug/l		100
61) 1,2-Dibromoethane	11.087	107	224315	100.084	ug/l		100
64) Tetrachloroethene	10.721	164	314084	98.479	ug/l		96
65) Chlorobenzene	11.514	112	829571	99.590	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.587	131	307639	101.040	ug/l		98
67) Ethyl Benzene	11.593	91	1553207	103.609	ug/l		99
68) m/p-Xylenes	11.703	106	1209382	206.137	ug/l		94
69) o-Xylene	12.026	106	569262	103.781	ug/l		94
70) Styrene	12.044	104	983588	106.398	ug/l		96
71) Bromoform	12.209	173	183158	101.061	ug/l	#	99
73) Isopropylbenzene	12.331	105	1511115	103.516	ug/l		100
74) N-amyl acetate	12.142	43	362437	108.030	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	262246	96.154	ug/l		99
76) 1,2,3-Trichloropropane	12.630	75	203531m	101.995	ug/l		
77) Bromobenzene	12.605	156	339766	101.460	ug/l		98
78) n-propylbenzene	12.672	91	1834689	103.199	ug/l		99
79) 2-Chlorotoluene	12.758	91	1020962	102.645	ug/l		99
80) 1,3,5-Trimethylbenzene	12.812	105	1260435	102.086	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	99675	103.543	ug/l		86
82) 4-Chlorotoluene	12.855	91	1063139	102.218	ug/l		100
83) tert-Butylbenzene	13.075	119	1094817	104.010	ug/l		94
84) 1,2,4-Trimethylbenzene	13.117	105	1248619	102.861	ug/l		98
85) sec-Butylbenzene	13.251	105	1632137	103.008	ug/l		100
86) p-Isopropyltoluene	13.367	119	1387189	104.351	ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	683878	100.615	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	666410	99.016	ug/l		99
89) n-Butylbenzene	13.696	91	1275652	104.280	ug/l		99
90) Hexachloroethane	13.959	117	253854	99.835	ug/l		89
91) 1,2-Dichlorobenzene	13.739	146	594786	100.398	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	41481	94.584	ug/l		82
93) 1,2,4-Trichlorobenzene	15.007	180	364429	104.840	ug/l		99
94) Hexachlorobutadiene	15.111	225	208599	97.329	ug/l		99
95) Naphthalene	15.233	128	716406	108.137	ug/l		98
96) 1,2,3-Trichlorobenzene	15.422	180	305553	103.117	ug/l		99

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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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