Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022221\
Data File : VY004030.D
Acq On : 22 Feb 2021 11:44
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
MMDadoda
2/23/2021 1:05:59 PM

Quant Time: Feb 23 03:13:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 23 03:09:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.795	168	71034	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.691	114	108207	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.489	117	98650	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50970	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.142	65	7790	9.83	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 19.66%#				
35) Dibromofluoromethane	7.722	113	6083	9.32	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 18.64%#				
50) Toluene-d8	10.179	98	24871	9.51	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 19.02%#				
62) 4-Bromofluorobenzene	12.477	95	8670	9.38	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 18.76%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.906	85	7917	11.74	ug/l		96
3) Chloromethane	2.113	50	11250	11.17	ug/l		98
4) Vinyl Chloride	2.253	62	10297	10.54	ug/l		100
5) Bromomethane	2.656	94	7010	10.71	ug/l		96
6) Chloroethane	2.796	64	6261	10.61	ug/l		99
7) Trichlorofluoromethane	3.131	101	12816	10.49	ug/l		96
8) Diethyl Ether	3.527	74	4172	10.68	ug/l		99
9) 1,1,2-Trichlorotrifluo...	3.905	101	6825	10.45	ug/l		100
10) Methyl Iodide	4.094	142	7970	9.72	ug/l		99
11) Tert butyl alcohol	4.948	59	7460	63.43	ug/l	#	90
12) 1,1-Dichloroethene	3.881	96	6994	10.67	ug/l		97
13) Acrolein	3.735	56	4095	51.94	ug/l		96
14) Allyl chloride	4.491	41	12671	10.19	ug/l		97
15) Acrylonitrile	5.167	53	11209	54.41	ug/l		98
16) Acetone	3.954	43	11308	56.45	ug/l		100
17) Carbon Disulfide	4.198	76	22342	10.54	ug/l		99
18) Methyl Acetate	4.485	43	5109	10.85	ug/l		99
19) Methyl tert-butyl Ether	5.228	73	20387	10.59	ug/l		96
20) Methylene Chloride	4.728	84	9293	11.48	ug/l		96
21) trans-1,2-Dichloroethene	5.234	96	7444	10.10	ug/l		97
22) Diisopropyl ether	6.125	45	25004	10.23	ug/l		91
23) Vinyl Acetate	6.070	43	86188	52.09	ug/l		98
24) 1,1-Dichloroethane	6.027	63	13496	10.33	ug/l		98
25) 2-Butanone	6.996	43	15535	54.42	ug/l		95
26) 2,2-Dichloropropane	6.984	77	12642	10.46	ug/l		97
27) cis-1,2-Dichloroethene	6.990	96	8258	10.20	ug/l		99
28) Bromochloromethane	7.338	49	6097	10.56	ug/l		96
29) Tetrahydrofuran	7.356	42	9830	53.35	ug/l		98
30) Chloroform	7.515	83	13654	10.30	ug/l		97
31) Cyclohexane	7.789	56	14055	10.57	ug/l	#	91
32) 1,1,1-Trichloroethane	7.704	97	12617	10.36	ug/l		99
36) 1,1-Dichloropropene	7.923	75	10672	9.85	ug/l		99
37) Ethyl Acetate	7.082	43	6872	10.73	ug/l		98
38) Carbon Tetrachloride	7.905	117	11118	9.94	ug/l		97
39) Methylcyclohexane	9.179	83	13190	10.08	ug/l		98
40) Benzene	8.161	78	30595	10.17	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.319	41	2985m	7.02	ug/l		
42) 1,2-Dichloroethane	8.240	62	10273	10.39	ug/l		100
43) Isopropyl Acetate	8.277	43	12436	10.30	ug/l		97
44) Trichloroethene	8.941	130	8429	10.14	ug/l		82
45) 1,2-Dichloropropane	9.215	63	7367	9.99	ug/l		97
46) Dibromomethane	9.307	93	4163	10.09	ug/l		97
47) Bromodichloromethane	9.496	83	10529	9.98	ug/l		97
48) Methyl methacrylate	9.289	41	6245	10.58	ug/l		95
49) 1,4-Dioxane	9.295	88	893	179.55	ug/l		98
51) 4-Methyl-2-Pentanone	10.069	43	32806	52.61	ug/l		100
52) Toluene	10.246	92	18944	10.07	ug/l		98
53) t-1,3-Dichloropropene	10.465	75	11398	10.04	ug/l		97
54) cis-1,3-Dichloropropene	9.929	75	12663	9.97	ug/l		94
55) 1,1,2-Trichloroethane	10.642	97	5910	10.11	ug/l		95
56) Ethyl methacrylate	10.508	69	8402	10.06	ug/l		98
57) 1,3-Dichloropropane	10.788	76	10618	10.26	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.782	63	21344	56.37	ug/l		99
59) 2-Hexanone	10.831	43	23219	52.84	ug/l		99
60) Dibromochloromethane	10.983	129	7474	10.13	ug/l		98
61) 1,2-Dibromoethane	11.087	107	5809	10.13	ug/l		97
64) Tetrachloroethene	10.715	164	9257	10.18	ug/l		96
65) Chlorobenzene	11.514	112	19988	10.06	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.587	131	7638	10.06	ug/l		100
67) Ethyl Benzene	11.593	91	37143	9.96	ug/l		99
68) m/p-Xylenes	11.703	106	27264	19.83	ug/l		99
69) o-Xylene	12.026	106	12639	9.78	ug/l		96
70) Styrene	12.038	104	21779	9.81	ug/l		99
71) Bromoform	12.203	173	4879	10.05	ug/l	#	97
73) Isopropylbenzene	12.325	105	35739	9.88	ug/l		99
74) N-amyl acetate	12.142	43	10910	9.98	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.581	83	6589	10.00	ug/l		100
76) 1,2,3-Trichloropropane	12.629	75	5232m	9.75	ug/l		
77) Bromobenzene	12.605	156	8675	9.74	ug/l		95
78) n-propylbenzene	12.666	91	42747	9.87	ug/l		98
79) 2-Chlorotoluene	12.751	91	24469	9.96	ug/l		99
80) 1,3,5-Trimethylbenzene	12.812	105	30538	9.89	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.380	75	2806	10.18	ug/l		98
82) 4-Chlorotoluene	12.849	91	25734	9.98	ug/l		100
83) tert-Butylbenzene	13.075	119	25928	9.81	ug/l		99
84) 1,2,4-Trimethylbenzene	13.117	105	30114	9.74	ug/l		99
85) sec-Butylbenzene	13.251	105	35372	9.77	ug/l		99
86) p-Isopropyltoluene	13.367	119	32814	9.73	ug/l		99
87) 1,3-Dichlorobenzene	13.361	146	16726	9.86	ug/l		99
88) 1,4-Dichlorobenzene	13.440	146	16940	10.05	ug/l		97
89) n-Butylbenzene	13.690	91	30296	9.68	ug/l		99
90) Hexachloroethane	13.959	117	5943	9.88	ug/l		96
91) 1,2-Dichlorobenzene	13.733	146	14949	9.96	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1337	10.60	ug/l		98
93) 1,2,4-Trichlorobenzene	15.001	180	10776	10.00	ug/l		98
94) Hexachlorobutadiene	15.105	225	6896	10.13	ug/l		99
95) Naphthalene	15.233	128	18920	9.62	ug/l		99
96) 1,2,3-Trichlorobenzene	15.422	180	8883	9.66	ug/l		98

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

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