Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012821\
Data File : VY003953.D
Acq On : 28 Jan 2021 12:46
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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Quant Time: Jan 28 18:04:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 28 18:02:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	101178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	150068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	138745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	24226	21.77	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 43.54%#			
35) Dibromofluoromethane	7.728	113	18854	21.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 42.98%#			
50) Toluene-d8	10.185	98	72453	21.04	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 42.08%#			
62) 4-Bromofluorobenzene	12.483	95	27134	21.62	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 43.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	21670	21.61	ug/l	96
3) Chloromethane	2.119	50	25106	19.88	ug/l	95
4) Vinyl Chloride	2.259	62	25568	19.41	ug/l	98
5) Bromomethane	2.656	94	18857	20.10	ug/l	96
6) Chloroethane	2.802	64	16683	20.21	ug/l	91
7) Trichlorofluoromethane	3.137	101	38292	20.98	ug/l	95
8) Diethyl Ether	3.540	74	11477	20.10	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.912	101	19321	20.51	ug/l	97
10) Methyl Iodide	4.107	142	23472	20.14	ug/l	99
11) Tert butyl alcohol	4.984	59	12756	111.70	ug/l #	94
12) 1,1-Dichloroethene	3.887	96	18490	20.25	ug/l	97
13) Acrolein	3.747	56	10829	105.58	ug/l	97
14) Allyl chloride	4.497	41	33653	20.01	ug/l	94
15) Acrylonitrile	5.192	53	30169	103.83	ug/l	98
16) Acetone	3.966	43	26665	97.64	ug/l	98
17) Carbon Disulfide	4.210	76	59876	19.95	ug/l	98
18) Methyl Acetate	4.497	43	14662	21.54	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	56617	20.30	ug/l	96
20) Methylene Chloride	4.735	84	23101	19.92	ug/l	91
21) trans-1,2-Dichloroethene	5.241	96	21027	20.01	ug/l	98
22) Diisopropyl ether	6.143	45	67074	20.05	ug/l	99
23) Vinyl Acetate	6.082	43	233468	102.41	ug/l	99
24) 1,1-Dichloroethane	6.039	63	37032	19.97	ug/l	99
25) 2-Butanone	7.002	43	39862	102.44	ug/l	98
26) 2,2-Dichloropropane	6.996	77	35558	20.12	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	23021	19.74	ug/l	100
28) Bromochloromethane	7.344	49	14453	18.09	ug/l	85
29) Tetrahydrofuran	7.362	42	25910	104.47	ug/l	92
30) Chloroform	7.521	83	38432	19.72	ug/l	99
31) Cyclohexane	7.795	56	36739	19.67	ug/l #	92
32) 1,1,1-Trichloroethane	7.716	97	35998	20.02	ug/l	97
36) 1,1-Dichloropropene	7.929	75	30402	20.03	ug/l	98
37) Ethyl Acetate	7.094	43	18312	21.33	ug/l	97
38) Carbon Tetrachloride	7.911	117	33298	20.30	ug/l	98
39) Methylcyclohexane	9.191	83	35772	19.77	ug/l	97
40) Benzene	8.173	78	84185	20.06	ug/l	99

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.344	41	12229m	18.32 ug/l		
42) 1,2-Dichloroethane	8.252	62	29591	20.49 ug/l		98
43) Isopropyl Acetate	8.283	43	34411	20.61 ug/l		97
44) Trichloroethene	8.947	130	23234	20.04 ug/l		92
45) 1,2-Dichloropropane	9.222	63	20356	19.60 ug/l		93
46) Dibromomethane	9.313	93	12146	20.47 ug/l		95
47) Bromodichloromethane	9.502	83	31208	20.33 ug/l	#	96
48) Methyl methacrylate	9.301	41	16631	20.38 ug/l		96
49) 1,4-Dioxane	9.307	88	2742	416.40 ug/l		89
51) 4-Methyl-2-Pentanone	10.075	43	90338	105.91 ug/l		96
52) Toluene	10.246	92	53842	20.33 ug/l		96
53) t-1,3-Dichloropropene	10.471	75	32853	20.32 ug/l		100
54) cis-1,3-Dichloropropene	9.935	75	36566	20.40 ug/l		96
55) 1,1,2-Trichloroethane	10.648	97	16955	20.61 ug/l		97
56) Ethyl methacrylate	10.514	69	23890	20.34 ug/l		97
57) 1,3-Dichloropropane	10.794	76	30303	20.56 ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	58646	110.13 ug/l		97
59) 2-Hexanone	10.837	43	62770	104.99 ug/l		94
60) Dibromochloromethane	10.990	129	21866	20.39 ug/l		99
61) 1,2-Dibromoethane	11.093	107	16706	20.30 ug/l		98
64) Tetrachloroethene	10.721	164	25191	20.25 ug/l		95
65) Chlorobenzene	11.520	112	57077	20.29 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	21889	19.95 ug/l		98
67) Ethyl Benzene	11.593	91	105341	19.98 ug/l		99
68) m/p-Xylenes	11.703	106	77861	39.84 ug/l		99
69) o-Xylene	12.032	106	35911	19.75 ug/l		98
70) Styrene	12.044	104	62548	19.94 ug/l		100
71) Bromoform	12.209	173	14315	20.39 ug/l	#	94
73) Isopropylbenzene	12.331	105	102286	19.69 ug/l		98
74) N-amyl acetate	12.142	43	31058	20.34 ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.581	83	19517	20.72 ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	17168m	18.74 ug/l		
77) Bromobenzene	12.611	156	25008	19.42 ug/l		97
78) n-propylbenzene	12.672	91	121718	19.69 ug/l		100
79) 2-Chlorotoluene	12.758	91	70063	19.79 ug/l		100
80) 1,3,5-Trimethylbenzene	12.812	105	88553	19.87 ug/l		100
81) trans-1,4-Dichloro-2-b...	12.380	75	7787	20.36 ug/l		94
82) 4-Chlorotoluene	12.855	91	74579	19.92 ug/l		100
83) tert-Butylbenzene	13.075	119	74146	20.01 ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	89960	20.13 ug/l		99
85) sec-Butylbenzene	13.251	105	103516	20.16 ug/l		100
86) p-Isopropyltoluene	13.367	119	96253	20.09 ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	47913	19.74 ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	48234	20.13 ug/l		98
89) n-Butylbenzene	13.696	91	89259	20.07 ug/l		100
90) Hexachloroethane	13.959	117	17504	19.96 ug/l		97
91) 1,2-Dichlorobenzene	13.739	146	43715	20.22 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3910	20.13 ug/l		90
93) 1,2,4-Trichlorobenzene	15.007	180	30657	20.49 ug/l		98
94) Hexachlorobutadiene	15.111	225	20043	20.84 ug/l		99
95) Naphthalene	15.233	128	58766	20.92 ug/l		100
96) 1,2,3-Trichlorobenzene	15.422	180	26383	20.47 ug/l		99

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

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