Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051021\
Data File : VY004721.D
Acq On : 10 May 2021 11:09
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
5/11/2021 10:35:47 AM

Quant Time: May 11 03:50:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 03:49:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	183267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	297542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10666	4.89	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 9.78%#			
35) Dibromofluoromethane	7.722	113	8315	5.10	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 10.20%#			
50) Toluene-d8	10.179	98	33780	4.59	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 9.18%#			
62) 4-Bromofluorobenzene	12.483	95	11667	4.70	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 9.40%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	8154	4.86	ug/l	98
3) Chloromethane	2.113	50	15052	5.53	ug/l	98
4) Vinyl Chloride	2.253	62	14479	5.20	ug/l	99
5) Bromomethane	2.650	94	7860	5.54	ug/l	90
6) Chloroethane	2.796	64	8482	5.16	ug/l	93
7) Trichlorofluoromethane	3.125	101	16957	5.13	ug/l	93
8) Diethyl Ether	3.540	74	6070	5.20	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	9767	5.21	ug/l	97
10) Methyl Iodide	4.094	142	9861	4.92	ug/l	97
11) Tert butyl alcohol	4.960	59	6274m	28.62	ug/l	
12) 1,1-Dichloroethene	3.869	96	9306	5.14	ug/l	90
13) Acrolein	3.735	56	6693	25.97	ug/l	99
14) Allyl chloride	4.485	41	17997	5.08	ug/l	98
15) Acrylonitrile	5.167	53	14614	24.98	ug/l	98
16) Acetone	3.954	43	12951	26.43	ug/l	97
17) Carbon Disulfide	4.198	76	28844	5.21	ug/l	97
18) Methyl Acetate	4.485	43	8085	5.17	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	24171	4.85	ug/l	97
20) Methylene Chloride	4.722	84	26956	8.58	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	10103	4.91	ug/l	90
22) Diisopropyl ether	6.131	45	32358	4.75	ug/l	98
23) Vinyl Acetate	6.070	43	117116	22.90	ug/l	98
24) 1,1-Dichloroethane	6.027	63	19289	5.03	ug/l	99
25) 2-Butanone	6.996	43	20531	23.59	ug/l	92
26) 2,2-Dichloropropane	6.984	77	16978	5.07	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	11318	4.95	ug/l	98
28) Bromochloromethane	7.338	49	9274	4.95	ug/l #	100
29) Tetrahydrofuran	7.356	42	13117	23.62	ug/l	99
30) Chloroform	7.508	83	19034	5.04	ug/l	97
31) Cyclohexane	7.789	56	20378	5.77	ug/l #	71
32) 1,1,1-Trichloroethane	7.710	97	16899	4.99	ug/l	99
36) 1,1-Dichloropropene	7.923	75	15672	5.14	ug/l	97
37) Ethyl Acetate	7.082	43	10764	5.15	ug/l	100
38) Carbon Tetrachloride	7.905	117	12327	4.50	ug/l	97
39) Methylcyclohexane	9.185	83	15685	4.72	ug/l	95
40) Benzene	8.161	78	42086	4.88	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.319	41	5432	4.64	ug/l	#	100
42) 1,2-Dichloroethane	8.246	62	13729	5.04	ug/l		99
43) Isopropyl Acetate	8.283	43	17842	4.60	ug/l	#	89
44) Trichloroethene	8.935	130	11752	5.07	ug/l		99
45) 1,2-Dichloropropane	9.221	63	10874	4.82	ug/l		97
46) Dibromomethane	9.307	93	5943	4.74	ug/l		98
47) Bromodichloromethane	9.502	83	14231	4.78	ug/l		94
48) Methyl methacrylate	9.295	41	8237	4.67	ug/l		98
49) 1,4-Dioxane	9.307	88	1329	89.99	ug/l	#	81
51) 4-Methyl-2-Pentanone	10.075	43	48172	23.08	ug/l		98
52) Toluene	10.246	92	25844	4.75	ug/l		98
53) t-1,3-Dichloropropene	10.465	75	15525	4.71	ug/l		99
54) cis-1,3-Dichloropropene	9.929	75	17760	4.84	ug/l		96
55) 1,1,2-Trichloroethane	10.648	97	8201	4.75	ug/l		98
56) Ethyl methacrylate	10.514	69	10989	4.40	ug/l		100
57) 1,3-Dichloropropane	10.794	76	14755	4.81	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.788	63	28117	21.82	ug/l		99
59) 2-Hexanone	10.837	43	31120	22.00	ug/l		98
60) Dibromochloromethane	10.989	129	9923	4.83	ug/l		96
61) 1,2-Dibromoethane	11.093	107	7944	4.77	ug/l		99
64) Tetrachloroethene	10.721	164	12325	5.04	ug/l		95
65) Chlorobenzene	11.514	112	27527	4.94	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	9788	4.83	ug/l		99
67) Ethyl Benzene	11.593	91	48742	4.71	ug/l		97
68) m/p-Xylenes	11.703	106	36575	9.40	ug/l		99
69) o-Xylene	12.026	106	17167	4.72	ug/l		96
70) Styrene	12.044	104	26707	4.38	ug/l		100
71) Bromoform	12.209	173	5789	4.71	ug/l	#	98
73) Isopropylbenzene	12.331	105	46143	4.77	ug/l		99
74) N-amyl acetate	12.142	43	15252	4.46	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.581	83	9269	4.80	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	6387m	4.91	ug/l		
77) Bromobenzene	12.611	156	11001	5.03	ug/l		98
78) n-propylbenzene	12.672	91	56261	4.76	ug/l		100
79) 2-Chlorotoluene	12.757	91	31271	4.82	ug/l		99
80) 1,3,5-Trimethylbenzene	12.812	105	37962	4.72	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.379	75	3942	5.01	ug/l		93
82) 4-Chlorotoluene	12.855	91	32185	4.78	ug/l		96
83) tert-Butylbenzene	13.074	119	32429	4.72	ug/l		97
84) 1,2,4-Trimethylbenzene	13.123	105	38184	4.74	ug/l		98
85) sec-Butylbenzene	13.251	105	46955	4.70	ug/l		100
86) p-Isopropyltoluene	13.373	119	39362	4.55	ug/l		97
87) 1,3-Dichlorobenzene	13.367	146	21621	5.04	ug/l		97
88) 1,4-Dichlorobenzene	13.446	146	20762	4.91	ug/l		92
89) n-Butylbenzene	13.696	91	39585	4.68	ug/l		98
90) Hexachloroethane	13.965	117	5474	4.49	ug/l		98
91) 1,2-Dichlorobenzene	13.739	146	18716	4.95	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2068	5.73	ug/l		82
93) 1,2,4-Trichlorobenzene	15.007	180	11845	4.86	ug/l		97
94) Hexachlorobutadiene	15.111	225	6642	5.03	ug/l		95
95) Naphthalene	15.239	128	23217	4.40	ug/l		97
96) 1,2,3-Trichlorobenzene	15.428	180	10518	4.88	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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