Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051021\
Data File : VY004730.D
Acq On : 10 May 2021 15:30
Operator : SY/MD
Sample : VY0510SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

Manual Integrations APPROVED
MMDadoda
5/11/2021 10:36:01 AM

Quant Time: May 11 04:19:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	193331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	311715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	281099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111810	48.59	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.18%			
35) Dibromofluoromethane	7.728	113	90997	53.32	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.64%			
50) Toluene-d8	10.185	98	378498	49.10	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.20%			
62) 4-Bromofluorobenzene	12.483	95	127306	48.93	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	37803	21.35	ug/l	97
3) Chloromethane	2.119	50	57072	19.89	ug/l	97
4) Vinyl Chloride	2.253	62	57226	19.49	ug/l	97
5) Bromomethane	2.650	94	32858	21.94	ug/l	99
6) Chloroethane	2.796	64	35181	20.31	ug/l	94
7) Trichlorofluoromethane	3.131	101	72583	20.83	ug/l	99
8) Diethyl Ether	3.540	74	23977	19.47	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	40706	20.59	ug/l	99
10) Methyl Iodide	4.094	142	44168	20.89	ug/l	99
11) Tert butyl alcohol	4.966	59	21493	92.94	ug/l	97
12) 1,1-Dichloroethene	3.881	96	38672	20.24	ug/l	97
13) Acrolein	3.741	56	25808	94.92	ug/l	99
14) Allyl chloride	4.491	41	73485	19.68	ug/l	99
15) Acrylonitrile	5.173	53	57104	92.52	ug/l	99
16) Acetone	3.960	43	48182	93.22	ug/l	95
17) Carbon Disulfide	4.198	76	121464	20.81	ug/l	98
18) Methyl Acetate	4.491	43	30724	18.64	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	101314	19.28	ug/l	98
20) Methylene Chloride	4.728	84	73216	26.56	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	43969	20.25	ug/l	99
22) Diisopropyl ether	6.131	45	140496	19.56	ug/l	99
23) Vinyl Acetate	6.070	43	511327	94.78	ug/l	100
24) 1,1-Dichloroethane	6.027	63	81177	20.08	ug/l	100
25) 2-Butanone	6.996	43	81713	88.98	ug/l	97
26) 2,2-Dichloropropane	6.990	77	71566	20.27	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	48352	20.05	ug/l	99
28) Bromochloromethane	7.344	49	37502	18.99	ug/l	100
29) Tetrahydrofuran	7.362	42	50762	86.66	ug/l	98
30) Chloroform	7.515	83	78897	19.81	ug/l	100
31) Cyclohexane	7.789	56	72515	19.47	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	71808	20.12	ug/l	100
36) 1,1-Dichloropropene	7.923	75	64215	20.10	ug/l	99
37) Ethyl Acetate	7.082	43	40733	18.61	ug/l	99
38) Carbon Tetrachloride	7.905	117	57931	20.17	ug/l	98
39) Methylcyclohexane	9.185	83	68406	19.64	ug/l	97
40) Benzene	8.167	78	182335	20.19	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.326	41	21206	17.73	ug/l	#	100
42) 1,2-Dichloroethane	8.246	62	57293	20.09	ug/l		100
43) Isopropyl Acetate	8.277	43	74369	18.30	ug/l		99
44) Trichloroethene	8.941	130	49370	20.34	ug/l		97
45) 1,2-Dichloropropane	9.222	63	47144	19.96	ug/l		97
46) Dibromomethane	9.307	93	25279	19.24	ug/l		100
47) Bromodichloromethane	9.502	83	61443	19.71	ug/l		98
48) Methyl methacrylate	9.301	41	34425	18.61	ug/l		99
49) 1,4-Dioxane	9.301	88	5341	345.22	ug/l		90
51) 4-Methyl-2-Pentanone	10.075	43	195359	89.35	ug/l		100
52) Toluene	10.246	92	113191	19.85	ug/l		100
53) t-1,3-Dichloropropene	10.465	75	66579	19.28	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	75377	19.62	ug/l		97
55) 1,1,2-Trichloroethane	10.648	97	34723	19.20	ug/l		98
56) Ethyl methacrylate	10.514	69	48019	18.36	ug/l		99
57) 1,3-Dichloropropane	10.794	76	61274	19.06	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.788	63	129799	96.16	ug/l		99
59) 2-Hexanone	10.837	43	133101	89.83	ug/l		100
60) Dibromochloromethane	10.990	129	40781	18.97	ug/l		100
61) 1,2-Dibromoethane	11.093	107	33076	18.97	ug/l		98
64) Tetrachloroethene	10.721	164	51041	20.10	ug/l		97
65) Chlorobenzene	11.520	112	116787	20.19	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.593	131	43077	20.48	ug/l		98
67) Ethyl Benzene	11.593	91	216601	20.15	ug/l		99
68) m/p-Xylenes	11.703	106	163528	40.49	ug/l		99
69) o-Xylene	12.032	106	76362	20.23	ug/l		98
70) Styrene	12.044	104	126262	19.95	ug/l		99
71) Bromoform	12.215	173	24254	19.04	ug/l	#	100
73) Isopropylbenzene	12.331	105	206995	20.47	ug/l		99
74) N-amyl acetate	12.148	43	67889	18.99	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.587	83	38907	19.28	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	28585m	20.08	ug/l		
77) Bromobenzene	12.611	156	46772	20.48	ug/l		96
78) n-propylbenzene	12.672	91	253497	20.54	ug/l		99
79) 2-Chlorotoluene	12.757	91	138269	20.42	ug/l		99
80) 1,3,5-Trimethylbenzene	12.812	105	174532	20.78	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.379	75	15099	18.39	ug/l		94
82) 4-Chlorotoluene	12.855	91	143345	20.38	ug/l		98
83) tert-Butylbenzene	13.074	119	150244	20.95	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	172470	20.52	ug/l		99
85) sec-Butylbenzene	13.257	105	216154	20.73	ug/l		100
86) p-Isopropyltoluene	13.373	119	185632	20.54	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	90170	20.13	ug/l		100
88) 1,4-Dichlorobenzene	13.446	146	90685	20.55	ug/l		99
89) n-Butylbenzene	13.696	91	181225	20.51	ug/l		99
90) Hexachloroethane	13.965	117	25640	20.15	ug/l		99
91) 1,2-Dichlorobenzene	13.739	146	79386	20.09	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6500	17.24	ug/l		94
93) 1,2,4-Trichlorobenzene	15.007	180	49523	19.46	ug/l		98
94) Hexachlorobutadiene	15.117	225	27635	20.04	ug/l		100
95) Naphthalene	15.239	128	103148	18.73	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	43473	19.30	ug/l		98

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

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