Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
Data File : VY004327.D
Acq On : 08 Apr 2021 11:44
Operator : SY/MD
Sample : VY0408SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VY0408SBS01

Manual Integrations APPROVED
MMDadoda
4/9/2021 9:58:54 AM

Quant Time: Apr 08 13:13:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 06:38:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	167795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	269953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	241168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81927	50.79	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.58%			
35) Dibromofluoromethane	7.728	113	71201	47.34	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.68%			
50) Toluene-d8	10.185	98	277084	48.98	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.96%			
62) 4-Bromofluorobenzene	12.483	95	94330	48.65	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	27191	18.71	ug/l	96
3) Chloromethane	2.119	50	39466	20.12	ug/l	99
4) Vinyl Chloride	2.259	62	55830	25.54	ug/l	97
5) Bromomethane	2.650	94	20967	17.43	ug/l	100
6) Chloroethane	2.796	64	27857	19.66	ug/l	97
7) Trichlorofluoromethane	3.131	101	58440	20.57	ug/l	98
8) Diethyl Ether	3.540	74	19513	21.40	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.905	101	33258	21.50	ug/l	97
10) Methyl Iodide	4.094	142	35172	19.68	ug/l	98
11) Tert butyl alcohol	4.960	59	17738	135.14	ug/l	97
12) 1,1-Dichloroethene	3.881	96	31497	20.75	ug/l	96
13) Acrolein	3.735	56	13570	115.80	ug/l	95
14) Allyl chloride	4.485	41	59746	24.71	ug/l	93
15) Acrylonitrile	5.173	53	52577	121.17	ug/l	97
16) Acetone	3.954	43	38710	115.19	ug/l	97
17) Carbon Disulfide	4.204	76	82382	20.64	ug/l	98
18) Methyl Acetate	4.485	43	24992	23.23	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	98108	21.88	ug/l	97
20) Methylene Chloride	4.728	84	38974	22.27	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	35639	20.92	ug/l	99
22) Diisopropyl ether	6.125	45	131838	24.82	ug/l	95
23) Vinyl Acetate	6.070	43	433049	121.21	ug/l	97
24) 1,1-Dichloroethane	6.027	63	67611	23.37	ug/l	98
25) 2-Butanone	6.996	43	66961	119.27	ug/l	95
26) 2,2-Dichloropropane	6.990	77	61524	22.72	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	41150	21.33	ug/l	94
28) Bromochloromethane	7.344	49	31837	27.07	ug/l	87
29) Tetrahydrofuran	7.362	42	48557	122.76	ug/l	93
30) Chloroform	7.515	83	66922	21.74	ug/l	99
31) Cyclohexane	7.795	56	63699	22.34	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	60566	21.50	ug/l	98
36) 1,1-Dichloropropene	7.923	75	50867	20.64	ug/l	99
37) Ethyl Acetate	7.082	43	33231	22.99	ug/l	98
38) Carbon Tetrachloride	7.905	117	45643	21.30	ug/l	98
39) Methylcyclohexane	9.185	83	62597	20.52	ug/l	94
40) Benzene	8.167	78	148445	21.25	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.319	41	19321m	24.12	ug/l		
42) 1,2-Dichloroethane	8.246	62	45305	20.64	ug/l		99
43) Isopropyl Acetate	8.277	43	64902	23.71	ug/l		98
44) Trichloroethene	8.941	130	41219	18.53	ug/l		95
45) 1,2-Dichloropropane	9.222	63	39427	22.84	ug/l		94
46) Dibromomethane	9.313	93	20364	20.06	ug/l		95
47) Bromodichloromethane	9.502	83	51876	21.42	ug/l		98
48) Methyl methacrylate	9.295	41	29393	23.64	ug/l		92
49) 1,4-Dioxane	9.301	88	5676	427.52	ug/l		93
51) 4-Methyl-2-Pentanone	10.075	43	164091	117.66	ug/l		98
52) Toluene	10.246	92	93924	20.91	ug/l		99
53) t-1,3-Dichloropropene	10.471	75	56407	21.84	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	63516	22.01	ug/l		97
55) 1,1,2-Trichloroethane	10.648	97	28828	20.73	ug/l		99
56) Ethyl methacrylate	10.514	69	41021	21.50	ug/l		95
57) 1,3-Dichloropropane	10.794	76	52763	21.99	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.788	63	101612	124.47	ug/l		95
59) 2-Hexanone	10.837	43	109114	113.81	ug/l		97
60) Dibromochloromethane	10.989	129	34630	20.77	ug/l		99
61) 1,2-Dibromoethane	11.093	107	27830	20.28	ug/l		99
64) Tetrachloroethene	10.721	164	41454	17.47	ug/l		97
65) Chlorobenzene	11.520	112	97549	20.28	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.593	131	35451	20.58	ug/l		97
67) Ethyl Benzene	11.593	91	181975	20.84	ug/l		98
68) m/p-Xylenes	11.703	106	133791	39.89	ug/l		98
69) o-Xylene	12.032	106	61887	19.72	ug/l		96
70) Styrene	12.050	104	104927	20.10	ug/l		99
71) Bromoform	12.209	173	20237	20.63	ug/l	#	99
73) Isopropylbenzene	12.331	105	173736	21.40	ug/l		98
74) N-amyl acetate	12.148	43	56382	23.77	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.587	83	33170	22.08	ug/l		100
76) 1,2,3-Trichloropropane	12.636	75	24211m	24.00	ug/l		
77) Bromobenzene	12.611	156	39101	20.57	ug/l		95
78) n-propylbenzene	12.672	91	206629	22.00	ug/l		97
79) 2-Chlorotoluene	12.757	91	111789	21.67	ug/l		98
80) 1,3,5-Trimethylbenzene	12.812	105	142208	21.48	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.379	75	12669	23.14	ug/l		95
82) 4-Chlorotoluene	12.855	91	116045	21.37	ug/l		97
83) tert-Butylbenzene	13.074	119	121884	21.30	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	139889	21.06	ug/l		99
85) sec-Butylbenzene	13.257	105	169413	21.51	ug/l		99
86) p-Isopropyltoluene	13.373	119	153263	20.92	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	73504	20.73	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	71806	20.50	ug/l		98
89) n-Butylbenzene	13.696	91	145496	21.59	ug/l		99
90) Hexachloroethane	13.965	117	19681	33.13	ug/l		96
91) 1,2-Dichlorobenzene	13.745	146	64101	20.14	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5717	20.39	ug/l		88
93) 1,2,4-Trichlorobenzene	15.013	180	42563	18.82	ug/l		99
94) Hexachlorobutadiene	15.117	225	22186	18.44	ug/l		98
95) Naphthalene	15.239	128	89622	18.68	ug/l		100
96) 1,2,3-Trichlorobenzene	15.428	180	36528	17.67	ug/l		97

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

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