Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
Data File : VY004679.D
Acq On : 30 Apr 2021 11:58
Operator : SY/MD
Sample : VY0430SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

Manual Integrations APPROVED
MMDadoda
5/3/2021 2:50:12 PM

Quant Time: May 01 00:38:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.795	168	163926	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	263638	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.495	117	237554	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115155	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	99649	54.71	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.42%				
35) Dibromofluoromethane	7.728	113	78228	53.47	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.94%				
50) Toluene-d8	10.185	98	330428	53.10	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.20%				
62) 4-Bromofluorobenzene	12.483	95	110578	52.36	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	33132	21.81	ug/l		95
3) Chloromethane	2.119	50	46751	21.29	ug/l		98
4) Vinyl Chloride	2.259	62	49058	21.15	ug/l		99
5) Bromomethane	2.650	94	26386	23.32	ug/l		98
6) Chloroethane	2.802	64	29731	21.38	ug/l		93
7) Trichlorofluoromethane	3.131	101	61429	21.18	ug/l		98
8) Diethyl Ether	3.540	74	19475	19.86	ug/l		100
9) 1,1,2-Trichlorotrifluo...	3.911	101	33769	20.99	ug/l		98
10) Methyl Iodide	4.100	142	34940	18.14	ug/l		98
11) Tert butyl alcohol	4.972	59	17104	95.29	ug/l	#	87
12) 1,1-Dichloroethene	3.881	96	31785	19.98	ug/l		97
13) Acrolein	3.735	56	15179	76.07	ug/l		97
14) Allyl chloride	4.485	41	57837	19.00	ug/l		98
15) Acrylonitrile	5.180	53	52308	99.44	ug/l		99
16) Acetone	3.960	43	39474	89.79	ug/l		94
17) Carbon Disulfide	4.204	76	99833	20.38	ug/l		99
18) Methyl Acetate	4.491	43	24236	19.10	ug/l		100
19) Methyl tert-butyl Ether	5.234	73	89605	18.74	ug/l		100
20) Methylene Chloride	4.728	84	43872	24.94	ug/l		96
21) trans-1,2-Dichloroethene	5.234	96	35352	19.64	ug/l		96
22) Diisopropyl ether	6.131	45	122885	19.10	ug/l		99
23) Vinyl Acetate	6.070	43	419714	95.85	ug/l		98
24) 1,1-Dichloroethane	6.027	63	64967	19.77	ug/l		99
25) 2-Butanone	6.996	43	67912	97.89	ug/l		99
26) 2,2-Dichloropropane	6.990	77	58503	19.84	ug/l		99
27) cis-1,2-Dichloroethene	6.996	96	38976	19.35	ug/l		99
28) Bromochloromethane	7.338	49	30788	20.61	ug/l		97
29) Tetrahydrofuran	7.356	42	47038	94.89	ug/l		98
30) Chloroform	7.515	83	63387	19.63	ug/l		99
31) Cyclohexane	7.789	56	65009	19.47	ug/l		97
32) 1,1,1-Trichloroethane	7.710	97	58097	19.83	ug/l		99
36) 1,1-Dichloropropene	7.923	75	51890	19.81	ug/l		100
37) Ethyl Acetate	7.088	43	33017	19.57	ug/l		100
38) Carbon Tetrachloride	7.905	117	47181	20.83	ug/l		97
39) Methylcyclohexane	9.185	83	62882	19.50	ug/l		96
40) Benzene	8.167	78	147199	19.99	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.319	41	20239m	19.80	ug/l		
42) 1,2-Dichloroethane	8.246	62	46615	20.18	ug/l		99
43) Isopropyl Acetate	8.283	43	62073	19.41	ug/l		100
44) Trichloroethene	8.947	130	40168	20.01	ug/l		97
45) 1,2-Dichloropropane	9.222	63	36876	19.41	ug/l		99
46) Dibromomethane	9.307	93	20635	19.95	ug/l		98
47) Bromodichloromethane	9.502	83	50067	19.99	ug/l		99
48) Methyl methacrylate	9.301	41	28710	19.49	ug/l		98
49) 1,4-Dioxane	9.307	88	5483	405.84	ug/l		97
51) 4-Methyl-2-Pentanone	10.075	43	163216	99.35	ug/l		99
52) Toluene	10.246	92	91921	19.29	ug/l		99
53) t-1,3-Dichloropropene	10.471	75	53236	19.27	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	59595	19.00	ug/l		96
55) 1,1,2-Trichloroethane	10.648	97	28617	20.08	ug/l		98
56) Ethyl methacrylate	10.514	69	38927	18.83	ug/l		96
57) 1,3-Dichloropropane	10.794	76	50673	19.92	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.788	63	113083	106.92	ug/l		99
59) 2-Hexanone	10.837	43	109316	99.26	ug/l		99
60) Dibromochloromethane	10.989	129	33246	19.63	ug/l		99
61) 1,2-Dibromoethane	11.093	107	27171	19.77	ug/l		100
64) Tetrachloroethene	10.721	164	42573	20.59	ug/l		99
65) Chlorobenzene	11.520	112	93221	19.23	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	33531	19.38	ug/l		98
67) Ethyl Benzene	11.593	91	172718	19.04	ug/l		99
68) m/p-Xylenes	11.703	106	131337	38.97	ug/l		98
69) o-Xylene	12.032	106	60505	19.16	ug/l		98
70) Styrene	12.050	104	98445	18.82	ug/l		99
71) Bromoform	12.215	173	19988	19.48	ug/l	#	100
73) Isopropylbenzene	12.337	105	165470	18.60	ug/l		100
74) N-amyl acetate	12.148	43	54581	18.22	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	30758	18.27	ug/l		97
76) 1,2,3-Trichloropropane	12.642	75	25154m	20.35	ug/l		
77) Bromobenzene	12.611	156	37936	19.02	ug/l		96
78) n-propylbenzene	12.672	91	197751	18.81	ug/l		100
79) 2-Chlorotoluene	12.757	91	108047	18.79	ug/l		99
80) 1,3,5-Trimethylbenzene	12.818	105	139351	19.27	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.386	75	12400	17.95	ug/l		92
82) 4-Chlorotoluene	12.861	91	115214	18.98	ug/l		99
83) tert-Butylbenzene	13.081	119	114746	18.54	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	138129	18.93	ug/l		100
85) sec-Butylbenzene	13.257	105	164525	19.05	ug/l		99
86) p-Isopropyltoluene	13.373	119	149502	19.03	ug/l		99
87) 1,3-Dichlorobenzene	13.373	146	70873	19.02	ug/l		99
88) 1,4-Dichlorobenzene	13.452	146	69850	18.63	ug/l		98
89) n-Butylbenzene	13.702	91	144841	19.32	ug/l		98
90) Hexachloroethane	13.965	117	22563	21.41	ug/l		99
91) 1,2-Dichlorobenzene	13.745	146	62444	18.88	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5825	19.28	ug/l		97
93) 1,2,4-Trichlorobenzene	15.013	180	41570	19.01	ug/l		98
94) Hexachlorobutadiene	15.117	225	22046	19.31	ug/l		98
95) Naphthalene	15.239	128	87445	18.40	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	37012	19.19	ug/l		99

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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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