Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
Data File : VY003961.D
Acq On : 03 Feb 2021 15:54
Operator : SY/MD
Sample : VY0203SBS01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

Manual Integrations APPROVED
MMDadoda
2/10/2021 9:32:23 AM

Quant Time: Feb 04 01:19:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 01 00:38:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.801	168	100113	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	146660	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	135770	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72259	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	48989	44.50	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 89.00%				
35) Dibromofluoromethane	7.728	113	41387	48.27	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.54%				
50) Toluene-d8	10.185	98	154744	45.98	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.96%				
62) 4-Bromofluorobenzene	12.483	95	58907	48.02	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.04%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	23042	23.22	ug/l		96
3) Chloromethane	2.119	50	25123	20.10	ug/l		100
4) Vinyl Chloride	2.260	62	26171	20.08	ug/l		100
5) Bromomethane	2.656	94	18440	19.87	ug/l		96
6) Chloroethane	2.802	64	15425	18.89	ug/l		98
7) Trichlorofluoromethane	3.137	101	35904	19.88	ug/l		88
8) Diethyl Ether	3.540	74	10832	19.17	ug/l		89
9) 1,1,2-Trichlorotrifluo...	3.912	101	17911	19.22	ug/l		95
10) Methyl Iodide	4.101	142	22131	19.19	ug/l		97
11) Tert butyl alcohol	4.972	59	11300	93.34	ug/l		98
12) 1,1-Dichloroethene	3.887	96	17307	19.15	ug/l		95
13) Acrolein	3.741	56	9804	96.60	ug/l		98
14) Allyl chloride	4.497	41	30297	18.21	ug/l		96
15) Acrylonitrile	5.186	53	26836	93.34	ug/l		99
16) Acetone	3.960	43	25800	95.47	ug/l		97
17) Carbon Disulfide	4.210	76	55607	18.72	ug/l		99
18) Methyl Acetate	4.497	43	12883	19.13	ug/l		95
19) Methyl tert-butyl Ether	5.235	73	52591	19.06	ug/l		97
20) Methylene Chloride	4.729	84	22323	19.46	ug/l		91
21) trans-1,2-Dichloroethene	5.235	96	19798	19.04	ug/l		88
22) Diisopropyl ether	6.137	45	59903	18.09	ug/l		96
23) Vinyl Acetate	6.076	43	205684	91.18	ug/l		96
24) 1,1-Dichloroethane	6.033	63	34115	18.59	ug/l		97
25) 2-Butanone	7.003	43	36092	93.74	ug/l		95
26) 2,2-Dichloropropane	6.990	77	33019	18.88	ug/l		99
27) cis-1,2-Dichloroethene	6.996	96	21660	18.77	ug/l		98
28) Bromochloromethane	7.344	49	12946	16.38	ug/l	#	77
29) Tetrahydrofuran	7.356	42	22889	93.27	ug/l		90
30) Chloroform	7.521	83	35524	18.42	ug/l		99
31) Cyclohexane	7.795	56	33639	18.20	ug/l	#	91
32) 1,1,1-Trichloroethane	7.710	97	33781	18.99	ug/l		97
36) 1,1-Dichloropropene	7.929	75	28115	18.96	ug/l		99
37) Ethyl Acetate	7.082	43	15759	18.78	ug/l		97
38) Carbon Tetrachloride	7.911	117	30994	19.34	ug/l		96
39) Methylcyclohexane	9.185	83	32783	18.54	ug/l		96
40) Benzene	8.167	78	76212	18.59	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.332	41	10112m	18.27	ug/l		
42) 1,2-Dichloroethane	8.246	62	26771	18.96	ug/l		100
43) Isopropyl Acetate	8.283	43	30547	18.72	ug/l		97
44) Trichloroethene	8.947	130	22276	19.66	ug/l		99
45) 1,2-Dichloropropane	9.222	63	18409	18.14	ug/l		98
46) Dibromomethane	9.313	93	11390	19.64	ug/l		95
47) Bromodichloromethane	9.502	83	28392	18.93	ug/l		97
48) Methyl methacrylate	9.295	41	15101	18.94	ug/l		95
49) 1,4-Dioxane	9.313	88	2511	407.09	ug/l		95
51) 4-Methyl-2-Pentanone	10.075	43	78227	93.85	ug/l		94
52) Toluene	10.246	92	49125	18.98	ug/l		99
53) t-1,3-Dichloropropene	10.471	75	30090	19.05	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	32686	18.66	ug/l		94
55) 1,1,2-Trichloroethane	10.648	97	15453	19.22	ug/l		98
56) Ethyl methacrylate	10.514	69	21920	19.10	ug/l		94
57) 1,3-Dichloropropane	10.795	76	27547	19.13	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.789	63	55954	107.52	ug/l		97
59) 2-Hexanone	10.837	43	56441	96.60	ug/l		96
60) Dibromochloromethane	10.990	129	20649	19.71	ug/l		99
61) 1,2-Dibromoethane	11.093	107	15815	19.66	ug/l		98
64) Tetrachloroethene	10.721	164	24090	19.79	ug/l		93
65) Chlorobenzene	11.520	112	52870	19.21	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	21210	19.76	ug/l		96
67) Ethyl Benzene	11.593	91	97150	18.83	ug/l		99
68) m/p-Xylenes	11.703	106	72876	38.11	ug/l		98
69) o-Xylene	12.032	106	34252	19.25	ug/l		99
70) Styrene	12.044	104	57538	18.75	ug/l		99
71) Bromoform	12.209	173	13980	20.35	ug/l	#	99
73) Isopropylbenzene	12.331	105	97183	18.79	ug/l		97
74) N-amyl acetate	12.148	43	27128	17.84	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.587	83	17940	19.13	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	13436m	18.46	ug/l		
77) Bromobenzene	12.611	156	24702	19.27	ug/l		93
78) n-propylbenzene	12.672	91	113535	18.45	ug/l		100
79) 2-Chlorotoluene	12.758	91	64908	18.42	ug/l		98
80) 1,3,5-Trimethylbenzene	12.812	105	83388	18.79	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.380	75	7103	18.65	ug/l		98
82) 4-Chlorotoluene	12.855	91	69105	18.54	ug/l		99
83) tert-Butylbenzene	13.075	119	72199	19.57	ug/l		97
84) 1,2,4-Trimethylbenzene	13.123	105	84130	18.91	ug/l		98
85) sec-Butylbenzene	13.258	105	97900	19.14	ug/l		100
86) p-Isopropyltoluene	13.373	119	91448	19.17	ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	45971	19.03	ug/l		98
88) 1,4-Dichlorobenzene	13.447	146	45786	19.19	ug/l		97
89) n-Butylbenzene	13.696	91	84530	19.09	ug/l		99
90) Hexachloroethane	13.965	117	16318	18.69	ug/l		96
91) 1,2-Dichlorobenzene	13.739	146	42869	19.91	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3768	19.49	ug/l		92
93) 1,2,4-Trichlorobenzene	15.007	180	30452	20.44	ug/l		98
94) Hexachlorobutadiene	15.111	225	20013	20.90	ug/l		98
95) Naphthalene	15.239	128	56347	20.15	ug/l		98
96) 1,2,3-Trichlorobenzene	15.428	180	26148	20.37	ug/l		99

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

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