Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
Data File : VY004131.D
Acq On : 19 Mar 2021 12:02
Operator : SY/MD
Sample : VY0319SBSD01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

Manual Integrations APPROVED
MMDadoda
3/22/2021 11:35:32 AM

Quant Time: Mar 20 03:12:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.801	168	203197	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	315465	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	285337	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147700	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.155	65	101658	50.70	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.40%				
35) Dibromofluoromethane	7.728	113	96265	54.11	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.22%				
50) Toluene-d8	10.185	98	358549	51.41	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.82%				
62) 4-Bromofluorobenzene	12.483	95	130945	50.84	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.68%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	37038	23.72	ug/l		96
3) Chloromethane	2.119	50	41458	18.74	ug/l		98
4) Vinyl Chloride	2.259	62	48082	19.58	ug/l		99
5) Bromomethane	2.650	94	35525	22.64	ug/l		97
6) Chloroethane	2.802	64	30442	20.36	ug/l		100
7) Trichlorofluoromethane	3.137	101	68192	20.89	ug/l		99
8) Diethyl Ether	3.546	74	21603	20.65	ug/l		83
9) 1,1,2-Trichlorotrifluo...	3.918	101	37863	20.74	ug/l		97
10) Methyl Iodide	4.101	142	38531	20.65	ug/l		98
11) Tert butyl alcohol	4.978	59	17969	99.11	ug/l	#	90
12) 1,1-Dichloroethene	3.881	96	34961	19.57	ug/l		95
13) Acrolein	3.747	56	13304	73.98	ug/l		98
14) Allyl chloride	4.497	41	53548	18.12	ug/l	#	89
15) Acrylonitrile	5.180	53	49665	95.52	ug/l		100
16) Acetone	3.960	43	41730	86.22	ug/l	#	87
17) Carbon Disulfide	4.204	76	102509	19.51	ug/l		99
18) Methyl Acetate	4.497	43	22051	18.44	ug/l		95
19) Methyl tert-butyl Ether	5.235	73	103622	20.37	ug/l		97
20) Methylene Chloride	4.735	84	49061	22.43	ug/l		91
21) trans-1,2-Dichloroethene	5.235	96	41067	20.46	ug/l		89
22) Diisopropyl ether	6.137	45	116353	18.66	ug/l		94
23) Vinyl Acetate	6.076	43	384512	93.65	ug/l	#	95
24) 1,1-Dichloroethane	6.033	63	67911	19.61	ug/l		99
25) 2-Butanone	7.003	43	63874	91.54	ug/l		93
26) 2,2-Dichloropropane	6.996	77	64922	19.63	ug/l		99
27) cis-1,2-Dichloroethene	7.003	96	47413	20.75	ug/l		90
28) Bromochloromethane	7.350	49	30245	20.00	ug/l		87
29) Tetrahydrofuran	7.356	42	42109	92.90	ug/l		92
30) Chloroform	7.521	83	73985	20.62	ug/l		99
31) Cyclohexane	7.795	56	66183	18.82	ug/l	#	88
32) 1,1,1-Trichloroethane	7.710	97	67981	20.42	ug/l		98
36) 1,1-Dichloropropene	7.923	75	56565	20.41	ug/l		97
37) Ethyl Acetate	7.088	43	28612	19.16	ug/l	#	96
38) Carbon Tetrachloride	7.911	117	61384	20.88	ug/l		97
39) Methylcyclohexane	9.191	83	71921	20.09	ug/l		92
40) Benzene	8.173	78	159162	20.39	ug/l		96

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41) Methacrylonitrile	7.344	41	20022m	21.64	ug/l		
42) 1,2-Dichloroethane	8.246	62	49407	20.70	ug/l		96
43) Isopropyl Acetate	8.283	43	56689	18.92	ug/l		96
44) Trichloroethene	8.947	130	50140	22.18	ug/l		99
45) 1,2-Dichloropropane	9.222	63	39448	20.24	ug/l		97
46) Dibromomethane	9.313	93	23437	21.03	ug/l		96
47) Bromodichloromethane	9.502	83	57467	20.66	ug/l		100
48) Methyl methacrylate	9.301	41	26418	18.56	ug/l		89
49) 1,4-Dioxane	9.307	88	5736	404.33	ug/l		95
51) 4-Methyl-2-Pentanone	10.075	43	146322	96.45	ug/l		97
52) Toluene	10.246	92	105337	20.83	ug/l		97
53) t-1,3-Dichloropropene	10.471	75	58967	20.09	ug/l		98
54) cis-1,3-Dichloropropene	9.935	75	66066	20.09	ug/l		97
55) 1,1,2-Trichloroethane	10.648	97	33958	21.67	ug/l		96
56) Ethyl methacrylate	10.514	69	43099	19.67	ug/l		93
57) 1,3-Dichloropropane	10.795	76	56675	21.12	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.789	63	109424	117.93	ug/l		94
59) 2-Hexanone	10.837	43	99276	93.14	ug/l		95
60) Dibromochloromethane	10.990	129	41923	21.31	ug/l		100
61) 1,2-Dibromoethane	11.093	107	32727	21.45	ug/l		98
64) Tetrachloroethene	10.721	164	56910	23.83	ug/l		96
65) Chlorobenzene	11.520	112	116753	21.35	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.593	131	42914	20.98	ug/l		98
67) Ethyl Benzene	11.593	91	204797	20.40	ug/l		98
68) m/p-Xylenes	11.703	106	159979	41.78	ug/l		95
69) o-Xylene	12.032	106	76711	21.20	ug/l		92
70) Styrene	12.044	104	127831	20.62	ug/l		98
71) Bromoform	12.209	173	25778	21.06	ug/l	#	99
73) Isopropylbenzene	12.331	105	207323	20.20	ug/l		98
74) N-amyl acetate	12.148	43	52028	17.70	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	32653	18.31	ug/l		97
76) 1,2,3-Trichloropropane	12.636	75	26801m	18.92	ug/l		
77) Bromobenzene	12.611	156	49940	21.06	ug/l		95
78) n-propylbenzene	12.672	91	240028	19.85	ug/l		96
79) 2-Chlorotoluene	12.758	91	134816	19.86	ug/l		96
80) 1,3,5-Trimethylbenzene	12.812	105	175970	20.21	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.380	75	13487	18.79	ug/l		97
82) 4-Chlorotoluene	12.855	91	141065	19.63	ug/l		96
83) tert-Butylbenzene	13.075	119	153528	20.49	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	176253	20.21	ug/l		97
85) sec-Butylbenzene	13.257	105	209625	20.29	ug/l		99
86) p-Isopropyltoluene	13.373	119	194759	20.34	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	95955	20.96	ug/l		98
88) 1,4-Dichlorobenzene	13.446	146	97299	21.29	ug/l		98
89) n-Butylbenzene	13.696	91	180132	19.77	ug/l		98
90) Hexachloroethane	13.965	117	33829	19.66	ug/l		85
91) 1,2-Dichlorobenzene	13.739	146	86797	21.38	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6698	19.88	ug/l		98
93) 1,2,4-Trichlorobenzene	15.007	180	59166	21.49	ug/l		97
94) Hexachlorobutadiene	15.111	225	32342	20.95	ug/l		99
95) Naphthalene	15.239	128	115892	21.24	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	50434	21.78	ug/l		98

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

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