Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
Data File : VY004656.D
Acq On : 29 Apr 2021 13:50
Operator : SY/MD
Sample : VY0429SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBSD01

Manual Integrations APPROVED
MMDadoda
4/30/2021 10:49:08 AM

Quant Time: Apr 30 04:32:29 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	7.801	168	170515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	271442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	248624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107670	56.83	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.66%			
35) Dibromofluoromethane	7.728	113	84371	56.01	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.02%			
50) Toluene-d8	10.185	98	354757	55.37	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.74%			
62) 4-Bromofluorobenzene	12.483	95	121143	55.71	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	33676	21.32	ug/l	99
3) Chloromethane	2.119	50	48962	21.43	ug/l	99
4) Vinyl Chloride	2.253	62	53552	22.20	ug/l	99
5) Bromomethane	2.650	94	26493	22.51	ug/l	98
6) Chloroethane	2.796	64	30129	20.83	ug/l	100
7) Trichlorofluoromethane	3.131	101	60984	20.21	ug/l	97
8) Diethyl Ether	3.540	74	19950	19.56	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.911	101	33193	19.83	ug/l	98
10) Methyl Iodide	4.100	142	36816	18.38	ug/l	98
11) Tert butyl alcohol	4.978	59	19948	106.84	ug/l	99
12) 1,1-Dichloroethene	3.875	96	31850	19.24	ug/l	93
13) Acrolein	3.741	56	16140	77.76	ug/l	96
14) Allyl chloride	4.485	41	59776	18.88	ug/l	99
15) Acrylonitrile	5.180	53	54095	98.87	ug/l	99
16) Acetone	3.960	43	43726	96.97	ug/l	90
17) Carbon Disulfide	4.198	76	99019	19.43	ug/l	98
18) Methyl Acetate	4.491	43	25738	19.50	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	92847	18.67	ug/l	97
20) Methylene Chloride	4.728	84	47175	25.78	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	35106	18.75	ug/l	93
22) Diisopropyl ether	6.124	45	123751	18.49	ug/l	94
23) Vinyl Acetate	6.070	43	437359	96.02	ug/l	100
24) 1,1-Dichloroethane	6.027	63	64704	18.93	ug/l	98
25) 2-Butanone	6.996	43	74179	102.79	ug/l	97
26) 2,2-Dichloropropane	6.990	77	58405	19.04	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	38865	18.55	ug/l	99
28) Bromochloromethane	7.344	49	30339	19.53	ug/l	100
29) Tetrahydrofuran	7.356	42	50348	97.65	ug/l	99
30) Chloroform	7.514	83	64086	19.08	ug/l	99
31) Cyclohexane	7.789	56	64695	18.63	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	58161	19.08	ug/l	99
36) 1,1-Dichloropropene	7.923	75	52369	19.42	ug/l	98
37) Ethyl Acetate	7.088	43	36156	20.82	ug/l	97
38) Carbon Tetrachloride	7.905	117	46205	19.82	ug/l	98
39) Methylcyclohexane	9.185	83	63288	19.06	ug/l	98
40) Benzene	8.167	78	146442	19.32	ug/l	99

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41) Methacrylonitrile	7.319	41	14697m	13.96	ug/l		
42) 1,2-Dichloroethane	8.246	62	46008	19.35	ug/l		99
43) Isopropyl Acetate	8.283	43	65906	20.02	ug/l		98
44) Trichloroethene	8.947	130	40141	19.42	ug/l		98
45) 1,2-Dichloropropane	9.222	63	37204	19.02	ug/l		100
46) Dibromomethane	9.307	93	20690	19.43	ug/l		98
47) Bromodichloromethane	9.502	83	50717	19.67	ug/l		100
48) Methyl methacrylate	9.295	41	30373	20.03	ug/l		98
49) 1,4-Dioxane	9.307	88	5826	418.83	ug/l		97
51) 4-Methyl-2-Pentanone	10.075	43	173275	102.44	ug/l		99
52) Toluene	10.246	92	91185	18.59	ug/l		100
53) t-1,3-Dichloropropene	10.471	75	54969	19.33	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	60688	18.79	ug/l		96
55) 1,1,2-Trichloroethane	10.648	97	29110	19.83	ug/l		98
56) Ethyl methacrylate	10.514	69	39482	18.55	ug/l		96
57) 1,3-Dichloropropane	10.794	76	50152	19.15	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.788	63	114099	104.78	ug/l		99
59) 2-Hexanone	10.837	43	118655	104.65	ug/l		97
60) Dibromochloromethane	10.989	129	34609	19.84	ug/l		100
61) 1,2-Dibromoethane	11.093	107	28316	20.01	ug/l		97
64) Tetrachloroethene	10.721	164	43300	20.00	ug/l		97
65) Chlorobenzene	11.520	112	95930	18.91	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	33406	18.45	ug/l		97
67) Ethyl Benzene	11.593	91	173660	18.29	ug/l		98
68) m/p-Xylenes	11.703	106	129447	36.70	ug/l		99
69) o-Xylene	12.032	106	59726	18.07	ug/l		98
70) Styrene	12.044	104	99556	18.18	ug/l		99
71) Bromoform	12.209	173	20076	18.69	ug/l	#	99
73) Isopropylbenzene	12.331	105	169058	18.50	ug/l		99
74) N-amyl acetate	12.148	43	58325	18.96	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	32672	18.90	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	24772m	19.52	ug/l		
77) Bromobenzene	12.611	156	36809	17.97	ug/l		97
78) n-propylbenzene	12.672	91	200364	18.56	ug/l		100
79) 2-Chlorotoluene	12.757	91	108018	18.30	ug/l		98
80) 1,3,5-Trimethylbenzene	12.812	105	139704	18.81	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.379	75	12807	18.05	ug/l		96
82) 4-Chlorotoluene	12.855	91	114636	18.39	ug/l		100
83) tert-Butylbenzene	13.074	119	117558	18.49	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	139546	18.62	ug/l		99
85) sec-Butylbenzene	13.257	105	165631	18.68	ug/l		100
86) p-Isopropyltoluene	13.373	119	149143	18.49	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	71598	18.72	ug/l		100
88) 1,4-Dichlorobenzene	13.446	146	72187	18.75	ug/l		99
89) n-Butylbenzene	13.696	91	143759	18.67	ug/l		99
90) Hexachloroethane	13.965	117	21927	20.26	ug/l		99
91) 1,2-Dichlorobenzene	13.739	146	63019	18.56	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6251	20.15	ug/l		91
93) 1,2,4-Trichlorobenzene	15.007	180	41548	18.51	ug/l		99
94) Hexachlorobutadiene	15.117	225	22837	19.48	ug/l		99
95) Naphthalene	15.239	128	89736	18.39	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	37358	18.86	ug/l		99

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

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