Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
Data File : VY004461.D
Acq On : 16 Apr 2021 11:44
Operator : SY/MD
Sample : VY0416SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0416SBSD01

Manual Integrations APPROVED
MMDadoda
4/19/2021 3:02:51 PM

Quant Time: Apr 17 00:52:14 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	173299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	286047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	261374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	109098	56.66	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.32%			
35) Dibromofluoromethane	7.728	113	86809	54.69	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.38%			
50) Toluene-d8	10.185	98	369622	54.74	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.48%			
62) 4-Bromofluorobenzene	12.483	95	124182	54.20	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	33615	20.94	ug/l	94
3) Chloromethane	2.119	50	50110	21.58	ug/l	96
4) Vinyl Chloride	2.259	62	51167m	20.87	ug/l	
5) Bromomethane	2.650	94	25593	21.39	ug/l	95
6) Chloroethane	2.796	64	31907	21.70	ug/l	95
7) Trichlorofluoromethane	3.131	101	64780	21.12	ug/l	100
8) Diethyl Ether	3.540	74	23218	22.40	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	36384	21.39	ug/l	99
10) Methyl Iodide	4.101	142	40960	20.12	ug/l	100
11) Tert butyl alcohol	4.984	59	23727	125.04	ug/l	99
12) 1,1-Dichloroethene	3.881	96	35772	21.27	ug/l	92
13) Acrolein	3.741	56	24566	116.46	ug/l	99
14) Allyl chloride	4.491	41	72194	22.44	ug/l	98
15) Acrylonitrile	5.180	53	67094	120.65	ug/l	99
16) Acetone	3.960	43	52586	118.56	ug/l	97
17) Carbon Disulfide	4.204	76	112705	21.76	ug/l	98
18) Methyl Acetate	4.491	43	32384	24.15	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	115616	22.87	ug/l	98
20) Methylene Chloride	4.735	84	43521	23.40	ug/l	99
21) trans-1,2-Dichloroethene	5.234	96	40778	21.42	ug/l	99
22) Diisopropyl ether	6.131	45	153813	22.62	ug/l	95
23) Vinyl Acetate	6.076	43	538829	116.39	ug/l	99
24) 1,1-Dichloroethane	6.033	63	76661	22.07	ug/l	98
25) 2-Butanone	7.002	43	90043	122.77	ug/l	99
26) 2,2-Dichloropropane	6.990	77	68185	21.87	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	47214	22.17	ug/l	98
28) Bromochloromethane	7.344	49	31839	20.16	ug/l	100
29) Tetrahydrofuran	7.362	42	63583	121.34	ug/l	98
30) Chloroform	7.515	83	74217	21.74	ug/l	99
31) Cyclohexane	7.789	56	75329	21.34	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	66204	21.37	ug/l	99
36) 1,1-Dichloropropene	7.929	75	60172	21.17	ug/l	99
37) Ethyl Acetate	7.088	43	43076	23.53	ug/l	99
38) Carbon Tetrachloride	7.911	117	51251	20.86	ug/l	99
39) Methylcyclohexane	9.191	83	72872	20.82	ug/l	100
40) Benzene	8.167	78	171627	21.49	ug/l	100

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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)
41) Methacrylonitrile	7.319	41	20979m	18.91	ug/l		
42) 1,2-Dichloroethane	8.246	62	54602	21.79	ug/l		98
43) Isopropyl Acetate	8.283	43	81242	23.41	ug/l		99
44) Trichloroethene	8.947	130	46208	21.22	ug/l		92
45) 1,2-Dichloropropane	9.222	63	46172	22.40	ug/l		99
46) Dibromomethane	9.313	93	24366	21.71	ug/l		98
47) Bromodichloromethane	9.502	83	59054	21.73	ug/l		99
48) Methyl methacrylate	9.301	41	36665	22.94	ug/l		97
49) 1,4-Dioxane	9.307	88	6813	464.78	ug/l		89
51) 4-Methyl-2-Pentanone	10.075	43	214017	120.07	ug/l		99
52) Toluene	10.246	92	107472	20.79	ug/l		99
53) t-1,3-Dichloropropene	10.471	75	65691	21.92	ug/l		100
54) cis-1,3-Dichloropropene	9.935	75	73922	21.72	ug/l		99
55) 1,1,2-Trichloroethane	10.648	97	34330	22.20	ug/l		97
56) Ethyl methacrylate	10.514	69	50092	22.34	ug/l		98
57) 1,3-Dichloropropane	10.794	76	61210	22.18	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.789	63	130569	113.79	ug/l		99
59) 2-Hexanone	10.837	43	145916	122.12	ug/l		99
60) Dibromochloromethane	10.990	129	40185	21.86	ug/l		98
61) 1,2-Dibromoethane	11.093	107	33341	22.36	ug/l		99
64) Tetrachloroethene	10.721	164	47433	20.85	ug/l		98
65) Chlorobenzene	11.520	112	111431	20.89	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	40044	21.03	ug/l		98
67) Ethyl Benzene	11.593	91	207763	20.82	ug/l		98
68) m/p-Xylenes	11.709	106	155192	41.85	ug/l		98
69) o-Xylene	12.032	106	71726	20.64	ug/l		99
70) Styrene	12.050	104	119680	20.79	ug/l		100
71) Bromoform	12.209	173	23599	20.90	ug/l	#	99
73) Isopropylbenzene	12.331	105	194792	20.55	ug/l		99
74) N-amyl acetate	12.148	43	72505	22.72	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	40637	22.66	ug/l		100
76) 1,2,3-Trichloropropane	12.636	75	29568m	22.46	ug/l		
77) Bromobenzene	12.611	156	43723	20.58	ug/l		97
78) n-propylbenzene	12.672	91	234973	20.98	ug/l		99
79) 2-Chlorotoluene	12.757	91	128224	20.94	ug/l		100
80) 1,3,5-Trimethylbenzene	12.812	105	162732	21.12	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.386	75	16069	21.84	ug/l		98
82) 4-Chlorotoluene	12.855	91	134731	20.83	ug/l		99
83) tert-Butylbenzene	13.075	119	138670	21.03	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	162690	20.93	ug/l		100
85) sec-Butylbenzene	13.257	105	193147	21.00	ug/l		100
86) p-Isopropyltoluene	13.373	119	172519	20.62	ug/l		100
87) 1,3-Dichlorobenzene	13.367	146	83167	20.96	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	83289	20.85	ug/l		99
89) n-Butylbenzene	13.702	91	169883	21.27	ug/l		99
90) Hexachloroethane	13.965	117	22972	20.46	ug/l		100
91) 1,2-Dichlorobenzene	13.745	146	75478	21.43	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6799	21.13	ug/l		98
93) 1,2,4-Trichlorobenzene	15.013	180	48179	20.69	ug/l		99
94) Hexachlorobutadiene	15.117	225	24711	20.32	ug/l		99
95) Naphthalene	15.239	128	107939	21.32	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	42572	20.72	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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