Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004432.D
Acq On : 15 Apr 2021 11:22
Operator : SY/MD
Sample : VY0415SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Manual Integrations APPROVED
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4/16/2021 1:07:57 PM

Quant Time: Apr 16 05:02:19 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	172491	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.691	114	278920	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.495	117	252187	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120213	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	101992	53.22	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.44%				
35) Dibromofluoromethane	7.722	113	80437	51.97	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.94%				
50) Toluene-d8	10.179	98	347529	52.78	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.56%				
62) 4-Bromofluorobenzene	12.483	95	114627	51.30	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.906	85	31362	19.62	ug/l		99
3) Chloromethane	2.119	50	45512	19.69	ug/l		95
4) Vinyl Chloride	2.253	62	51973	21.29	ug/l		96
5) Bromomethane	2.643	94	24375	20.47	ug/l		93
6) Chloroethane	2.790	64	30228	20.66	ug/l		99
7) Trichlorofluoromethane	3.125	101	60112	19.69	ug/l		99
8) Diethyl Ether	3.533	74	21037	20.39	ug/l		94
9) 1,1,2-Trichlorotrifluo...	3.905	101	33816	19.97	ug/l		99
10) Methyl Iodide	4.094	142	38469	18.98	ug/l		100
11) Tert butyl alcohol	4.978	59	21187	112.18	ug/l	#	92
12) 1,1-Dichloroethene	3.875	96	33699	20.13	ug/l		99
13) Acrolein	3.735	56	21464	102.23	ug/l		96
14) Allyl chloride	4.485	41	62661	19.57	ug/l		99
15) Acrylonitrile	5.173	53	57621	104.10	ug/l		96
16) Acetone	3.954	43	46021	101.73	ug/l		96
17) Carbon Disulfide	4.198	76	101588	19.70	ug/l		99
18) Methyl Acetate	4.485	43	26513	19.86	ug/l		99
19) Methyl tert-butyl Ether	5.228	73	101552	20.19	ug/l		98
20) Methylene Chloride	4.722	84	38137	20.60	ug/l		99
21) trans-1,2-Dichloroethene	5.228	96	37577	19.84	ug/l		98
22) Diisopropyl ether	6.124	45	134995	19.94	ug/l		99
23) Vinyl Acetate	6.070	43	471467	102.32	ug/l		100
24) 1,1-Dichloroethane	6.027	63	69759	20.17	ug/l		98
25) 2-Butanone	6.996	43	78756	107.88	ug/l		100
26) 2,2-Dichloropropane	6.984	77	60943	19.64	ug/l		99
27) cis-1,2-Dichloroethene	6.990	96	42305	19.96	ug/l		99
28) Bromochloromethane	7.338	49	30576	19.46	ug/l		99
29) Tetrahydrofuran	7.356	42	54396	104.29	ug/l		99
30) Chloroform	7.514	83	68168	20.06	ug/l		98
31) Cyclohexane	7.789	56	68064	19.37	ug/l		96
32) 1,1,1-Trichloroethane	7.703	97	60445	19.61	ug/l		100
36) 1,1-Dichloropropene	7.923	75	54689	19.73	ug/l		99
37) Ethyl Acetate	7.082	43	37863	21.21	ug/l		98
38) Carbon Tetrachloride	7.905	117	47427	19.79	ug/l		96
39) Methylcyclohexane	9.185	83	66097	19.37	ug/l		97
40) Benzene	8.167	78	156071	20.04	ug/l		99

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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	17625m	16.29	ug/l		
42) 1,2-Dichloroethane	8.240	62	49310	20.18	ug/l		100
43) Isopropyl Acetate	8.277	43	70387	20.80	ug/l		98
44) Trichloroethene	8.941	130	43074	20.28	ug/l		96
45) 1,2-Dichloropropane	9.221	63	40142	19.97	ug/l		99
46) Dibromomethane	9.307	93	22252	20.33	ug/l		100
47) Bromodichloromethane	9.502	83	52970	19.99	ug/l		98
48) Methyl methacrylate	9.295	41	32517	20.87	ug/l		98
49) 1,4-Dioxane	9.307	88	6567	459.44	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.075	43	183779	105.74	ug/l		99
52) Toluene	10.246	92	98750	19.59	ug/l		99
53) t-1,3-Dichloropropene	10.465	75	58910	20.16	ug/l		97
54) cis-1,3-Dichloropropene	9.929	75	66641	20.08	ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	30533	20.25	ug/l		97
56) Ethyl methacrylate	10.514	69	43883	20.07	ug/l		98
57) 1,3-Dichloropropane	10.794	76	54791	20.36	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.782	63	115928	103.61	ug/l		99
59) 2-Hexanone	10.837	43	125317	107.56	ug/l		99
60) Dibromochloromethane	10.989	129	36308	20.26	ug/l		98
61) 1,2-Dibromoethane	11.093	107	30140	20.73	ug/l		97
64) Tetrachloroethene	10.721	164	44172	20.12	ug/l		99
65) Chlorobenzene	11.520	112	102380	19.89	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	36020	19.61	ug/l		99
67) Ethyl Benzene	11.593	91	187477	19.47	ug/l		99
68) m/p-Xylenes	11.703	106	140478	39.26	ug/l		98
69) o-Xylene	12.032	106	66289	19.77	ug/l		98
70) Styrene	12.044	104	107285	19.32	ug/l		99
71) Bromoform	12.209	173	21482	19.72	ug/l	#	98
73) Isopropylbenzene	12.331	105	177043	19.06	ug/l		100
74) N-amyl acetate	12.148	43	62935	20.12	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	35747	20.34	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	24861m	19.27	ug/l		
77) Bromobenzene	12.611	156	39908	19.17	ug/l		100
78) n-propylbenzene	12.672	91	212122	19.33	ug/l		100
79) 2-Chlorotoluene	12.757	91	114619	19.10	ug/l		97
80) 1,3,5-Trimethylbenzene	12.812	105	148671	19.69	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.379	75	13896	19.27	ug/l		97
82) 4-Chlorotoluene	12.855	91	121906	19.24	ug/l		99
83) tert-Butylbenzene	13.074	119	123766	19.15	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	147434	19.35	ug/l		99
85) sec-Butylbenzene	13.251	105	175058	19.42	ug/l		99
86) p-Isopropyltoluene	13.373	119	157619	19.22	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	76603	19.70	ug/l		98
88) 1,4-Dichlorobenzene	13.446	146	76157	19.45	ug/l		99
89) n-Butylbenzene	13.696	91	153016	19.55	ug/l		99
90) Hexachloroethane	13.965	117	21314	19.37	ug/l		98
91) 1,2-Dichlorobenzene	13.739	146	67772	19.63	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6158	19.53	ug/l		98
93) 1,2,4-Trichlorobenzene	15.007	180	44774	19.62	ug/l		99
94) Hexachlorobutadiene	15.117	225	23661	19.86	ug/l		97
95) Naphthalene	15.239	128	97175	19.58	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	38821	19.28	ug/l		100

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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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