Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
Data File : VY004310.D
Acq On : 07 Apr 2021 13:05
Operator : SY/MD
Sample : VY0407SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

Manual Integrations APPROVED
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4/8/2021 3:08:48 PM

Quant Time: Apr 08 00:58:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 06:38:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	169442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	272551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	241559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113280	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82913	50.90	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.80%			
35) Dibromofluoromethane	7.728	113	72204	47.55	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.10%			
50) Toluene-d8	10.185	98	279914	49.01	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.02%			
62) 4-Bromofluorobenzene	12.483	95	96758	49.43	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	27421	18.69	ug/l	95
3) Chloromethane	2.119	50	41178	20.79	ug/l	99
4) Vinyl Chloride	2.259	62	59711	27.05	ug/l	92
5) Bromomethane	2.650	94	22310	18.37	ug/l	100
6) Chloroethane	2.796	64	28837	20.15	ug/l	94
7) Trichlorofluoromethane	3.131	101	58921	20.54	ug/l	98
8) Diethyl Ether	3.540	74	20735	22.52	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	34189	21.89	ug/l	99
10) Methyl Iodide	4.101	142	36293	20.11	ug/l	99
11) Tert butyl alcohol	4.972	59	19442	146.68	ug/l	97
12) 1,1-Dichloroethene	3.875	96	32524	21.22	ug/l	95
13) Acrolein	3.735	56	14732	126.45	ug/l	97
14) Allyl chloride	4.491	41	62221	25.48	ug/l	94
15) Acrylonitrile	5.174	53	58655	133.86	ug/l	100
16) Acetone	3.954	43	41000	120.82	ug/l	98
17) Carbon Disulfide	4.204	76	85773	21.28	ug/l	100
18) Methyl Acetate	4.491	43	28189	25.95	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	103267	22.81	ug/l	95
20) Methylene Chloride	4.722	84	40358	22.90	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	37279	21.67	ug/l	97
22) Diisopropyl ether	6.125	45	138203	25.77	ug/l	96
23) Vinyl Acetate	6.070	43	460159	127.55	ug/l	97
24) 1,1-Dichloroethane	6.033	63	70034	23.97	ug/l	99
25) 2-Butanone	6.996	43	73237	129.19	ug/l	96
26) 2,2-Dichloropropane	6.990	77	63585	23.25	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	43121	22.13	ug/l	95
28) Bromochloromethane	7.344	49	33029	27.81	ug/l	88
29) Tetrahydrofuran	7.362	42	53371	133.62	ug/l	91
30) Chloroform	7.515	83	69218	22.26	ug/l	99
31) Cyclohexane	7.789	56	65741	22.84	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	62298	21.90	ug/l	98
36) 1,1-Dichloropropene	7.923	75	53451	21.48	ug/l	98
37) Ethyl Acetate	7.082	43	36543	25.04	ug/l	98
38) Carbon Tetrachloride	7.905	117	46813	21.64	ug/l	97
39) Methylcyclohexane	9.185	83	65923	21.40	ug/l	98
40) Benzene	8.167	78	154943	21.97	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.319	41	20104m	24.86	ug/l		
42) 1,2-Dichloroethane	8.240	62	48180	21.74	ug/l		99
43) Isopropyl Acetate	8.277	43	70114	25.37	ug/l		97
44) Trichloroethene	8.941	130	42803	19.06	ug/l		90
45) 1,2-Dichloropropane	9.222	63	40942	23.49	ug/l		98
46) Dibromomethane	9.313	93	22026	21.49	ug/l		95
47) Bromodichloromethane	9.502	83	54953	22.47	ug/l		98
48) Methyl methacrylate	9.295	41	31157	24.82	ug/l		96
49) 1,4-Dioxane	9.301	88	5858	444.84	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.075	43	177518	126.08	ug/l		98
52) Toluene	10.246	92	98312	21.68	ug/l		99
53) t-1,3-Dichloropropene	10.471	75	59176	22.70	ug/l		97
54) cis-1,3-Dichloropropene	9.935	75	67430	23.15	ug/l		99
55) 1,1,2-Trichloroethane	10.648	97	31636	22.53	ug/l		96
56) Ethyl methacrylate	10.514	69	44463	23.08	ug/l		93
57) 1,3-Dichloropropane	10.794	76	55615	22.96	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.789	63	110266	133.79	ug/l		95
59) 2-Hexanone	10.837	43	119473	123.43	ug/l		97
60) Dibromochloromethane	10.990	129	36593	21.74	ug/l		98
61) 1,2-Dibromoethane	11.093	107	30356	21.91	ug/l		97
64) Tetrachloroethene	10.721	164	42319	17.80	ug/l		94
65) Chlorobenzene	11.520	112	102241	21.22	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	36667	21.25	ug/l		98
67) Ethyl Benzene	11.593	91	189369	21.65	ug/l		99
68) m/p-Xylenes	11.703	106	140735	41.90	ug/l		98
69) o-Xylene	12.032	106	66264	21.08	ug/l		99
70) Styrene	12.050	104	109240	20.89	ug/l		99
71) Bromoform	12.215	173	21709	22.09	ug/l	#	97
73) Isopropylbenzene	12.331	105	181417	21.92	ug/l		98
74) N-amyl acetate	12.148	43	61003	25.22	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	35755	23.34	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	26695m	25.95	ug/l		
77) Bromobenzene	12.611	156	41663	21.50	ug/l		94
78) n-propylbenzene	12.672	91	214315	22.38	ug/l		99
79) 2-Chlorotoluene	12.758	91	116880	22.22	ug/l		99
80) 1,3,5-Trimethylbenzene	12.818	105	148895	22.05	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	13534	24.25	ug/l		95
82) 4-Chlorotoluene	12.861	91	122394	22.11	ug/l		98
83) tert-Butylbenzene	13.081	119	128847	22.09	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	148982	22.00	ug/l		99
85) sec-Butylbenzene	13.257	105	178910	22.28	ug/l		99
86) p-Isopropyltoluene	13.373	119	161598	21.63	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	76551	21.18	ug/l		99
88) 1,4-Dichlorobenzene	13.453	146	77401	21.67	ug/l		99
89) n-Butylbenzene	13.696	91	155108	22.58	ug/l		99
90) Hexachloroethane	13.965	117	20496	33.69	ug/l		99
91) 1,2-Dichlorobenzene	13.745	146	68863	21.22	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5869	20.53	ug/l		94
93) 1,2,4-Trichlorobenzene	15.013	180	45931	19.92	ug/l		100
94) Hexachlorobutadiene	15.117	225	23932	19.51	ug/l		99
95) Naphthalene	15.239	128	100734	20.59	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	40861	19.39	ug/l		98

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

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