Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
Data File : VY004704.D
Acq On : 04 May 2021 10:45
Operator : SY/MD
Sample : VY0504SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBSD01

Manual Integrations APPROVED
MMDadoda
5/5/2021 5:31:36 PM

Quant Time: May 05 01:31:26 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	163434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	262495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	239921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102187	56.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.54%			
35) Dibromofluoromethane	7.728	113	78115	53.62	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.24%			
50) Toluene-d8	10.179	98	333016	53.74	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.48%			
62) 4-Bromofluorobenzene	12.483	95	115418	54.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	33071	21.84	ug/l	99
3) Chloromethane	2.113	50	46794	21.37	ug/l	96
4) Vinyl Chloride	2.253	62	49252	21.30	ug/l	100
5) Bromomethane	2.637	94	26491	23.48	ug/l	97
6) Chloroethane	2.790	64	30022	21.65	ug/l	95
7) Trichlorofluoromethane	3.125	101	60045	20.76	ug/l	99
8) Diethyl Ether	3.534	74	20641	21.12	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	32411	20.20	ug/l	98
10) Methyl Iodide	4.094	142	34779	18.11	ug/l	97
11) Tert butyl alcohol	4.978	59	20792	116.18	ug/l	99
12) 1,1-Dichloroethene	3.875	96	31799	20.05	ug/l	95
13) Acrolein	3.735	56	14470	72.74	ug/l	98
14) Allyl chloride	4.479	41	58195	19.18	ug/l	99
15) Acrylonitrile	5.174	53	54258	103.46	ug/l	99
16) Acetone	3.954	43	43250	100.74	ug/l	94
17) Carbon Disulfide	4.198	76	95114	19.47	ug/l	99
18) Methyl Acetate	4.485	43	25178	19.91	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	95077	19.95	ug/l	97
20) Methylene Chloride	4.722	84	45395	25.88	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	34931	19.46	ug/l	95
22) Diisopropyl ether	6.125	45	123613	19.27	ug/l	97
23) Vinyl Acetate	6.070	43	431490	98.83	ug/l	100
24) 1,1-Dichloroethane	6.021	63	64941	19.82	ug/l	98
25) 2-Butanone	6.996	43	72258	104.46	ug/l	98
26) 2,2-Dichloropropane	6.990	77	57963	19.72	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	38407	19.12	ug/l	98
28) Bromochloromethane	7.344	49	31252	20.99	ug/l	100
29) Tetrahydrofuran	7.356	42	50274	101.73	ug/l	100
30) Chloroform	7.508	83	64751	20.11	ug/l	98
31) Cyclohexane	7.789	56	63478	19.07	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	58099	19.89	ug/l	100
36) 1,1-Dichloropropene	7.923	75	51044	19.57	ug/l	99
37) Ethyl Acetate	7.076	43	36284	21.60	ug/l	97
38) Carbon Tetrachloride	7.905	117	45916	20.36	ug/l	99
39) Methylcyclohexane	9.185	83	61341	19.10	ug/l	99
40) Benzene	8.167	78	146644	20.01	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.332	41	19197m	18.86	ug/l		
42) 1,2-Dichloroethane	8.246	62	47232	20.54	ug/l		99
43) Isopropyl Acetate	8.277	43	65393	20.54	ug/l		99
44) Trichloroethene	8.941	130	40561	20.29	ug/l		93
45) 1,2-Dichloropropane	9.222	63	37054	19.59	ug/l		96
46) Dibromomethane	9.307	93	21073	20.46	ug/l		98
47) Bromodichloromethane	9.502	83	50200	20.13	ug/l		99
48) Methyl methacrylate	9.295	41	29567	20.16	ug/l		99
49) 1,4-Dioxane	9.295	88	5850	434.89	ug/l		96
51) 4-Methyl-2-Pentanone	10.075	43	174390	106.62	ug/l		100
52) Toluene	10.246	92	90704	19.12	ug/l		100
53) t-1,3-Dichloropropene	10.465	75	54593	19.85	ug/l		100
54) cis-1,3-Dichloropropene	9.929	75	62237	19.93	ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	28582	20.14	ug/l		96
56) Ethyl methacrylate	10.514	69	40476	19.67	ug/l		97
57) 1,3-Dichloropropane	10.794	76	51883	20.49	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.789	63	118721	112.74	ug/l		100
59) 2-Hexanone	10.837	43	116867	106.58	ug/l		99
60) Dibromochloromethane	10.990	129	34644	20.54	ug/l		99
61) 1,2-Dibromoethane	11.087	107	28211	20.62	ug/l		99
64) Tetrachloroethene	10.721	164	43756	20.95	ug/l		99
65) Chlorobenzene	11.520	112	94932	19.39	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.593	131	34439	19.71	ug/l		99
67) Ethyl Benzene	11.593	91	173815	18.97	ug/l		98
68) m/p-Xylenes	11.703	106	129506	38.04	ug/l		99
69) o-Xylene	12.032	106	60034	18.82	ug/l		100
70) Styrene	12.044	104	100741	19.07	ug/l		99
71) Bromoform	12.209	173	21271	20.52	ug/l	#	97
73) Isopropylbenzene	12.331	105	164870	18.12	ug/l		99
74) N-amyl acetate	12.148	43	57623	18.82	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	32924	19.13	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	23369m	18.50	ug/l		
77) Bromobenzene	12.611	156	38655	18.96	ug/l		97
78) n-propylbenzene	12.672	91	200601	18.67	ug/l		99
79) 2-Chlorotoluene	12.758	91	110707	18.84	ug/l		99
80) 1,3,5-Trimethylbenzene	12.812	105	139940	18.93	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	12983	18.38	ug/l		93
82) 4-Chlorotoluene	12.855	91	115214	18.56	ug/l		99
83) tert-Butylbenzene	13.075	119	116248	18.37	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	139484	18.69	ug/l		98
85) sec-Butylbenzene	13.251	105	164620	18.65	ug/l		100
86) p-Isopropyltoluene	13.373	119	149148	18.57	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	73089	19.19	ug/l		100
88) 1,4-Dichlorobenzene	13.446	146	72668	18.96	ug/l		98
89) n-Butylbenzene	13.696	91	145190	18.94	ug/l		98
90) Hexachloroethane	13.959	117	22197	20.60	ug/l		97
91) 1,2-Dichlorobenzene	13.739	146	65029	19.24	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5918	19.16	ug/l		99
93) 1,2,4-Trichlorobenzene	15.007	180	41649	18.63	ug/l		100
94) Hexachlorobutadiene	15.111	225	21750	18.64	ug/l		97
95) Naphthalene	15.239	128	88200	18.15	ug/l		99
96) 1,2,3-Trichlorobenzene	15.422	180	36475	18.50	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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