Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050321\
Data File : VY004691.D
Acq On : 03 May 2021 12:18
Operator : SY/MD
Sample : VY0503SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

Manual Integrations APPROVED
MMDadoda
5/4/2021 5:33:30 PM

Quant Time: May 04 01:12:22 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	7.789	168	181226	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	287270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	263949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	108791	54.03	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.06%			
35) Dibromofluoromethane	7.722	113	82797	51.94	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.88%			
50) Toluene-d8	10.179	98	365247	53.86	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.72%			
62) 4-Bromofluorobenzene	12.483	95	125630	54.59	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	44932	26.76	ug/l	98
3) Chloromethane	2.113	50	59547	24.53	ug/l	97
4) Vinyl Chloride	2.253	62	63819	24.89	ug/l	99
5) Bromomethane	2.637	94	34629	27.68	ug/l	98
6) Chloroethane	2.790	64	38558	25.08	ug/l	100
7) Trichlorofluoromethane	3.125	101	77496	24.16	ug/l	98
8) Diethyl Ether	3.534	74	25110	23.17	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	41907	23.56	ug/l	98
10) Methyl Iodide	4.088	142	44148	20.74	ug/l	98
11) Tert butyl alcohol	4.960	59	21108	106.37	ug/l	98
12) 1,1-Dichloroethene	3.869	96	40482	23.01	ug/l	96
13) Acrolein	3.735	56	14890	67.50	ug/l	98
14) Allyl chloride	4.485	41	72510	21.55	ug/l	99
15) Acrylonitrile	5.167	53	63368	108.97	ug/l	99
16) Acetone	3.948	43	50698	107.68	ug/l	99
17) Carbon Disulfide	4.192	76	121573	22.44	ug/l	100
18) Methyl Acetate	4.485	43	29079	20.73	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	115674	21.88	ug/l	95
20) Methylene Chloride	4.716	84	51721	26.59	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	45671	22.95	ug/l	99
22) Diisopropyl ether	6.118	45	154309	21.70	ug/l	95
23) Vinyl Acetate	6.064	43	521123	107.64	ug/l	99
24) 1,1-Dichloroethane	6.021	63	82381	22.67	ug/l	99
25) 2-Butanone	6.990	43	82869	108.04	ug/l	99
26) 2,2-Dichloropropane	6.978	77	74568	22.87	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	50034	22.47	ug/l	99
28) Bromochloromethane	7.332	49	30922	18.73	ug/l	96
29) Tetrahydrofuran	7.350	42	57376	104.70	ug/l	99
30) Chloroform	7.508	83	83414	23.36	ug/l	99
31) Cyclohexane	7.783	56	80975	21.94	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	75322	23.25	ug/l	99
36) 1,1-Dichloropropene	7.917	75	66100	23.16	ug/l	100
37) Ethyl Acetate	7.076	43	40201	21.87	ug/l	100
38) Carbon Tetrachloride	7.899	117	61485	24.92	ug/l	97
39) Methylcyclohexane	9.185	83	80010	22.77	ug/l	97
40) Benzene	8.161	78	186383	23.23	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.319	41	20871m	18.73	ug/l		
42) 1,2-Dichloroethane	8.240	62	59587	23.68	ug/l		100
43) Isopropyl Acetate	8.277	43	75999	21.81	ug/l		99
44) Trichloroethene	8.941	130	52111	23.82	ug/l		99
45) 1,2-Dichloropropane	9.215	63	47000	22.70	ug/l		99
46) Dibromomethane	9.301	93	26140	23.19	ug/l		98
47) Bromodichloromethane	9.496	83	64695	23.71	ug/l		99
48) Methyl methacrylate	9.295	41	35325	22.01	ug/l		99
49) 1,4-Dioxane	9.301	88	6469	439.43	ug/l		95
51) 4-Methyl-2-Pentanone	10.075	43	198153	110.70	ug/l		100
52) Toluene	10.246	92	117870	22.71	ug/l		99
53) t-1,3-Dichloropropene	10.465	75	69756	23.18	ug/l		98
54) cis-1,3-Dichloropropene	9.929	75	77426	22.65	ug/l		99
55) 1,1,2-Trichloroethane	10.648	97	35480	22.84	ug/l		97
56) Ethyl methacrylate	10.508	69	48734	21.64	ug/l		98
57) 1,3-Dichloropropane	10.788	76	63417	22.88	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.782	63	122807	106.57	ug/l		100
59) 2-Hexanone	10.831	43	133186	110.99	ug/l		99
60) Dibromochloromethane	10.983	129	43473	23.55	ug/l		99
61) 1,2-Dibromoethane	11.087	107	34590	23.10	ug/l		99
64) Tetrachloroethene	10.721	164	57296	24.93	ug/l		99
65) Chlorobenzene	11.514	112	122515	22.75	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	45080	23.45	ug/l		99
67) Ethyl Benzene	11.593	91	225060	22.33	ug/l		100
68) m/p-Xylenes	11.703	106	168196	44.91	ug/l		100
69) o-Xylene	12.026	106	79027	22.52	ug/l		99
70) Styrene	12.044	104	131906	22.69	ug/l		99
71) Bromoform	12.209	173	25890	22.71	ug/l	#	99
73) Isopropylbenzene	12.331	105	215543	22.00	ug/l		99
74) N-amyl acetate	12.148	43	68537	20.78	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.581	83	39833	21.49	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	32855m	24.14	ug/l		
77) Bromobenzene	12.611	156	49428	22.51	ug/l		98
78) n-propylbenzene	12.672	91	259567	22.42	ug/l		100
79) 2-Chlorotoluene	12.758	91	140389	22.18	ug/l		98
80) 1,3,5-Trimethylbenzene	12.812	105	183089	22.99	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	16001	21.03	ug/l		97
82) 4-Chlorotoluene	12.855	91	148776	22.26	ug/l		98
83) tert-Butylbenzene	13.075	119	152091	22.31	ug/l		98
84) 1,2,4-Trimethylbenzene	13.117	105	182120	22.66	ug/l		99
85) sec-Butylbenzene	13.251	105	217376	22.86	ug/l		99
86) p-Isopropyltoluene	13.373	119	194594	22.50	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	95187	23.20	ug/l		98
88) 1,4-Dichlorobenzene	13.446	146	94153	22.80	ug/l		99
89) n-Butylbenzene	13.696	91	185721	22.50	ug/l		100
90) Hexachloroethane	13.959	117	29762	25.65	ug/l		98
91) 1,2-Dichlorobenzene	13.739	146	83365	22.89	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6932	20.84	ug/l		99
93) 1,2,4-Trichlorobenzene	15.007	180	54166	22.50	ug/l		99
94) Hexachlorobutadiene	15.111	225	29834	23.73	ug/l		99
95) Naphthalene	15.239	128	109381	20.90	ug/l		100
96) 1,2,3-Trichlorobenzene	15.422	180	47061	22.16	ug/l		100

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

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