Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050321\
Data File : VY004692.D
Acq On : 03 May 2021 13:19
Operator : SY/MD
Sample : VY0503SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBSD01

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

Quant Time: May 04 01:12:59 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	183644	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	295189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129586	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	109765	53.80	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.60%			
35) Dibromofluoromethane	7.722	113	82443	50.33	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.66%			
50) Toluene-d8	10.179	98	360968	51.80	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.60%			
62) 4-Bromofluorobenzene	12.483	95	124791	52.78	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	37896	22.27	ug/l	96
3) Chloromethane	2.113	50	51502	20.93	ug/l	96
4) Vinyl Chloride	2.253	62	56731	21.83	ug/l	97
5) Bromomethane	2.637	94	29886	23.57	ug/l	96
6) Chloroethane	2.790	64	33505	21.51	ug/l	95
7) Trichlorofluoromethane	3.119	101	67892	20.89	ug/l	99
8) Diethyl Ether	3.527	74	21437	19.52	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	35872	19.90	ug/l	98
10) Methyl Iodide	4.088	142	38806	17.99	ug/l	97
11) Tert butyl alcohol	4.972	59	21408	106.46	ug/l	100
12) 1,1-Dichloroethene	3.869	96	35567	19.95	ug/l	99
13) Acrolein	3.728	56	16301	72.92	ug/l	99
14) Allyl chloride	4.478	41	62241	18.26	ug/l	97
15) Acrylonitrile	5.173	53	58901	99.95	ug/l	99
16) Acetone	3.954	43	45669	93.41	ug/l	97
17) Carbon Disulfide	4.192	76	103884	18.93	ug/l	99
18) Methyl Acetate	4.478	43	27919	19.64	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	103631	19.35	ug/l	96
20) Methylene Chloride	4.722	84	49827	25.28	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	38848	19.26	ug/l	98
22) Diisopropyl ether	6.118	45	132256	18.35	ug/l	97
23) Vinyl Acetate	6.063	43	463166	94.41	ug/l	100
24) 1,1-Dichloroethane	6.015	63	71027	19.29	ug/l	99
25) 2-Butanone	6.990	43	76753	98.75	ug/l	97
26) 2,2-Dichloropropane	6.984	77	65447	19.81	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	42258	18.73	ug/l	100
28) Bromochloromethane	7.338	49	32785	19.59	ug/l	98
29) Tetrahydrofuran	7.350	42	54480	98.11	ug/l	99
30) Chloroform	7.508	83	70720	19.55	ug/l	98
31) Cyclohexane	7.783	56	69610	18.61	ug/l	98
32) 1,1,1-Trichloroethane	7.703	97	65522	19.96	ug/l	99
36) 1,1-Dichloropropene	7.917	75	57228	19.51	ug/l	100
37) Ethyl Acetate	7.075	43	37396	19.80	ug/l	99
38) Carbon Tetrachloride	7.898	117	52801	20.82	ug/l	97
39) Methylcyclohexane	9.179	83	69313	19.19	ug/l	96
40) Benzene	8.161	78	159565	19.36	ug/l	98

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.313	41	19937m	17.42	ug/l		
42) 1,2-Dichloroethane	8.240	62	51622	19.96	ug/l		100
43) Isopropyl Acetate	8.276	43	71076	19.85	ug/l	#	90
44) Trichloroethene	8.935	130	45015	20.03	ug/l		99
45) 1,2-Dichloropropane	9.215	63	40484	19.03	ug/l		99
46) Dibromomethane	9.307	93	22706	19.60	ug/l		99
47) Bromodichloromethane	9.496	83	56168	20.03	ug/l		97
48) Methyl methacrylate	9.295	41	32589	19.76	ug/l		99
49) 1,4-Dioxane	9.301	88	6361	420.50	ug/l		97
51) 4-Methyl-2-Pentanone	10.069	43	184783	100.46	ug/l		99
52) Toluene	10.240	92	99797	18.71	ug/l		98
53) t-1,3-Dichloropropene	10.465	75	59700	19.30	ug/l		99
54) cis-1,3-Dichloropropene	9.929	75	67012	19.08	ug/l		97
55) 1,1,2-Trichloroethane	10.642	97	31847	19.95	ug/l		97
56) Ethyl methacrylate	10.508	69	43690	18.88	ug/l		97
57) 1,3-Dichloropropane	10.788	76	55846	19.61	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.782	63	126967	107.22	ug/l		99
59) 2-Hexanone	10.831	43	125036	101.40	ug/l		98
60) Dibromochloromethane	10.983	129	37840	19.95	ug/l		99
61) 1,2-Dibromoethane	11.087	107	31015	20.16	ug/l		99
64) Tetrachloroethene	10.721	164	48353	20.84	ug/l		94
65) Chlorobenzene	11.514	112	105430	19.39	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.587	131	38538	19.85	ug/l		97
67) Ethyl Benzene	11.593	91	190871	18.76	ug/l		99
68) m/p-Xylenes	11.703	106	143172	37.87	ug/l		100
69) o-Xylene	12.032	106	65971	18.62	ug/l		98
70) Styrene	12.044	104	109424	18.64	ug/l		97
71) Bromoform	12.209	173	23331	20.27	ug/l	#	100
73) Isopropylbenzene	12.331	105	184277	18.40	ug/l		100
74) N-amyl acetate	12.142	43	62353	18.50	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.581	83	35349	18.66	ug/l		98
76) 1,2,3-Trichloropropane	12.635	75	29270m	21.04	ug/l		
77) Bromobenzene	12.611	156	42341	18.86	ug/l		98
78) n-propylbenzene	12.672	91	221547	18.73	ug/l		100
79) 2-Chlorotoluene	12.757	91	119790	18.52	ug/l		98
80) 1,3,5-Trimethylbenzene	12.812	105	152799	18.77	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.379	75	14469	18.61	ug/l		95
82) 4-Chlorotoluene	12.855	91	127600	18.68	ug/l		99
83) tert-Butylbenzene	13.074	119	129458	18.58	ug/l		99
84) 1,2,4-Trimethylbenzene	13.117	105	153471	18.69	ug/l		99
85) sec-Butylbenzene	13.251	105	183283	18.86	ug/l		100
86) p-Isopropyltoluene	13.367	119	166120	18.79	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	81088	19.34	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	78708	18.65	ug/l		97
89) n-Butylbenzene	13.696	91	159948	18.96	ug/l		99
90) Hexachloroethane	13.958	117	24270	20.46	ug/l		96
91) 1,2-Dichlorobenzene	13.739	146	70453	18.93	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6549	19.26	ug/l		99
93) 1,2,4-Trichlorobenzene	15.007	180	46544	18.92	ug/l		99
94) Hexachlorobutadiene	15.111	225	25604	19.93	ug/l		97
95) Naphthalene	15.239	128	98334	18.38	ug/l		98
96) 1,2,3-Trichlorobenzene	15.428	180	40729	18.76	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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