Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042927.D
Acq On : 05 Apr 2021 13:50
Operator : SY/MD
Sample : VU0405WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 06 01:18:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0405WBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	118916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	182068	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	173973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	98556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	91925	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.98%			
35) Dibromofluoromethane	5.298	113	63045	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.80%			
50) Toluene-d8	7.906	98	221262	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.58%			
62) 4-Bromofluorobenzene	10.639	95	84666	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	25237	18.06	ug/l	96
3) Chloromethane	1.523	50	25287	16.71	ug/l	98
4) Vinyl Chloride	1.607	62	24398	17.72	ug/l	98
5) Bromomethane	1.861	94	17832	16.57	ug/l	97
6) Chloroethane	1.935	64	18673	16.61	ug/l	100
7) Trichlorofluoromethane	2.141	101	43314	18.04	ug/l	98
8) Diethyl Ether	2.382	74	14550	19.45	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.588	101	22437	19.50	ug/l	98
10) Methyl Iodide	2.729	142	25548	16.46	ug/l	99
11) Tert butyl alcohol	3.218	59	51489	127.04	ug/l	97
12) 1,1-Dichloroethene	2.584	96	19583	18.16	ug/l	97
13) Acrolein	2.494	56	10957	75.82	ug/l	99
14) Allyl chloride	2.928	41	47968	20.36	ug/l	96
15) Acrylonitrile	3.324	53	104359	112.27	ug/l	100
16) Acetone	2.639	43	107021	102.55	ug/l	99
17) Carbon Disulfide	2.800	76	52145	17.09	ug/l	100
18) Methyl Acetate	2.957	43	56627	26.08	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	88416	21.60	ug/l	99
20) Methylene Chloride	3.057	84	25547	18.72	ug/l	95
21) trans-1,2-Dichloroethene	3.359	96	22693	18.75	ug/l	97
22) Diisopropyl ether	4.002	45	97749	20.61	ug/l	97
23) Vinyl Acetate	3.967	43	446360	101.11	ug/l	99
24) 1,1-Dichloroethane	3.880	63	47589	19.25	ug/l	99
25) 2-Butanone	4.713	43	167650	108.66	ug/l	99
26) 2,2-Dichloropropane	4.674	77	41366	18.94	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	27888	20.13	ug/l	98
28) Bromochloromethane	4.983	49	28217	22.86	ug/l	98
29) Tetrahydrofuran	5.060	42	105762	110.80	ug/l	97
30) Chloroform	5.099	83	51747	19.80	ug/l	98
31) Cyclohexane	5.395	56	42735	18.11	ug/l	94
32) 1,1,1-Trichloroethane	5.327	97	44495	19.18	ug/l	99
36) 1,1-Dichloropropene	5.536	75	34259	19.02	ug/l	97
37) Ethyl Acetate	4.813	43	59464	21.27	ug/l	100
38) Carbon Tetrachloride	5.533	117	37981	18.48	ug/l	99
39) Methylcyclohexane	6.771	83	37768	18.31	ug/l	100
40) Benzene	5.780	78	102981	19.12	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.980	41	31480	21.50	ug/l		100
42) 1,2-Dichloroethane	5.803	62	46827	20.27	ug/l		98
43) Isopropyl Acetate	5.919	43	88462	21.02	ug/l		100
44) Trichloroethene	6.549	130	25628	18.50	ug/l		93
45) 1,2-Dichloropropane	6.800	63	28713	20.04	ug/l		93
46) Dibromomethane	6.925	93	21662	21.22	ug/l		97
47) Bromodichloromethane	7.115	83	41615	20.06	ug/l		97
48) Methyl methacrylate	6.967	41	43460	21.39	ug/l		98
49) 1,4-Dioxane	7.002	88	20305	478.92	ug/l		97
51) 4-Methyl-2-Pentanone	7.800	43	323371	109.81	ug/l		99
52) Toluene	7.976	92	63853	19.39	ug/l		98
53) t-1,3-Dichloropropene	8.218	75	44985	20.50	ug/l		97
54) cis-1,3-Dichloropropene	7.613	75	45717	19.91	ug/l		100
55) 1,1,2-Trichloroethane	8.407	97	28398	20.04	ug/l		97
56) Ethyl methacrylate	8.340	69	45122	20.84	ug/l		98
57) 1,3-Dichloropropane	8.584	76	49112	20.20	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.468	63	54363	96.73	ug/l		98
59) 2-Hexanone	8.693	43	259627	110.86	ug/l		99
60) Dibromochloromethane	8.816	129	32518	19.74	ug/l		99
61) 1,2-Dibromoethane	8.931	107	31896	19.79	ug/l		97
64) Tetrachloroethene	8.562	164	26778	19.06	ug/l		99
65) Chlorobenzene	9.452	112	70285	19.87	ug/l		98
66) 1,1,1,2-Tetrachloroethane	9.542	131	28210	20.05	ug/l		99
67) Ethyl Benzene	9.578	91	125490	19.78	ug/l		99
68) m/p-Xylenes	9.700	106	93141	39.83	ug/l		98
69) o-Xylene	10.108	106	44887	19.83	ug/l		96
70) Styrene	10.121	104	77596	20.30	ug/l		100
71) Bromoform	10.298	173	26017	19.49	ug/l	#	98
73) Isopropylbenzene	10.491	105	124502	19.96	ug/l		99
74) N-amyl acetate	10.327	43	74471	21.15	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.790	83	50940	19.98	ug/l		100
76) 1,2,3-Trichloropropane	10.832	75	50142m	20.01	ug/l		
77) Bromobenzene	10.790	156	33890	19.74	ug/l		100
78) n-propylbenzene	10.912	91	147449	20.08	ug/l		99
79) 2-Chlorotoluene	10.992	91	89889	20.29	ug/l		100
80) 1,3,5-Trimethylbenzene	11.095	105	108787	20.10	ug/l		99
81) trans-1,4-Dichloro-2-b...	10.552	75	16365	19.34	ug/l		98
82) 4-Chlorotoluene	11.102	91	106596	20.14	ug/l		99
83) tert-Butylbenzene	11.426	119	103208	19.57	ug/l		98
84) 1,2,4-Trimethylbenzene	11.475	105	110307	20.18	ug/l		100
85) sec-Butylbenzene	11.652	105	124659	20.34	ug/l		100
86) p-Isopropyltoluene	11.799	119	114626	20.44	ug/l		100
87) 1,3-Dichlorobenzene	11.751	146	59849	19.40	ug/l		98
88) 1,4-Dichlorobenzene	11.844	146	60717	19.17	ug/l		98
89) n-Butylbenzene	12.214	91	106253	20.08	ug/l		98
90) Hexachloroethane	12.484	117	19785	18.68	ug/l		98
91) 1,2-Dichlorobenzene	12.221	146	60166	19.16	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	14616	21.64	ug/l		97
93) 1,2,4-Trichlorobenzene	13.848	180	41859	20.91	ug/l		98
94) Hexachlorobutadiene	14.028	225	22237	18.99	ug/l		98
95) Naphthalene	14.095	128	127273	20.64	ug/l		99
96) 1,2,3-Trichlorobenzene	14.336	180	42617	21.03	ug/l		98

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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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