Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
Data File : VU052755.D
Acq On : 20 Jan 2023 12:09
Operator : JC/MD
Sample : VU0120WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

Quant Time: Jan 21 01:01:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 20 01:04:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.369	168	201175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	327473	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	305867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	158865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	145228	50.126	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.260%			
35) Dibromofluoromethane	5.282	113	114754	50.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.660%			
50) Toluene-d8	7.893	98	429225	50.194	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.380%			
62) 4-Bromofluorobenzene	10.629	95	158483	50.735	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	44756	18.867	ug/l	98
3) Chloromethane	1.520	50	44999	18.467	ug/l	100
4) Vinyl Chloride	1.604	62	46554	19.156	ug/l	98
5) Bromomethane	1.858	94	24638	20.536	ug/l	97
6) Chloroethane	1.932	64	27738	18.056	ug/l	98
7) Trichlorofluoromethane	2.131	101	71894	19.215	ug/l	94
8) Diethyl Ether	2.372	74	27124	19.915	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.578	101	43693	20.194	ug/l	99
10) Methyl Iodide	2.719	142	37568	22.115	ug/l	96
11) Tert butyl alcohol	3.337	59	51876m	105.083	ug/l	
12) 1,1-Dichloroethene	2.578	96	41547	19.416	ug/l	96
13) Acrolein	2.485	56	50775	109.650	ug/l	99
14) Allyl chloride	2.919	41	67941	20.157	ug/l	99
15) Acrylonitrile	3.311	53	134083	98.436	ug/l	99
16) Acetone	2.636	43	137282	99.419	ug/l	98
17) Carbon Disulfide	2.790	76	118957	18.553	ug/l	98
18) Methyl Acetate	2.948	43	74142	19.400	ug/l	98
19) Methyl tert-butyl Ether	3.356	73	147729	20.377	ug/l	98
20) Methylene Chloride	3.044	84	50831	19.617	ug/l	96
21) trans-1,2-Dichloroethene	3.346	96	45856	19.879	ug/l	98
22) Diisopropyl ether	3.986	45	141467	20.183	ug/l	97
23) Vinyl Acetate	3.948	43	537812	99.998	ug/l	98
24) 1,1-Dichloroethane	3.864	63	86988	19.567	ug/l	99
25) 2-Butanone	4.703	43	175911	98.779	ug/l	98
26) 2,2-Dichloropropane	4.658	77	73057	20.032	ug/l	98
27) cis-1,2-Dichloroethene	4.661	96	52968	20.918	ug/l	98
28) Bromochloromethane	4.967	49	38532	20.765	ug/l	98
29) Tetrahydrofuran	5.050	42	104386	100.974	ug/l	99
30) Chloroform	5.083	83	89484	18.831	ug/l	98
31) Cyclohexane	5.382	56	79906	19.682	ug/l	97
32) 1,1,1-Trichloroethane	5.311	97	77307	19.861	ug/l	99
36) 1,1-Dichloropropene	5.520	75	63078	19.280	ug/l	98
37) Ethyl Acetate	4.800	43	67143	18.879	ug/l	98
38) Carbon Tetrachloride	5.520	117	65302	19.401	ug/l	98
39) Methylcyclohexane	6.758	83	72803	19.123	ug/l	96
40) Benzene	5.767	78	192485	19.484	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.967	41	34113	19.827	ug/l		97
42) 1,2-Dichloroethane	5.787	62	71122	19.938	ug/l		99
43) Isopropyl Acetate	5.906	43	98268	19.823	ug/l		99
44) Trichloroethene	6.536	130	48251	19.747	ug/l		98
45) 1,2-Dichloropropane	6.787	63	50096	19.660	ug/l		96
46) Dibromomethane	6.912	93	34094	19.321	ug/l		96
47) Bromodichloromethane	7.099	83	69173	19.590	ug/l		99
48) Methyl methacrylate	6.957	41	46533	20.599	ug/l		98
49) 1,4-Dioxane	7.025	88	19291	440.719	ug/l		96
51) 4-Methyl-2-Pentanone	7.790	43	327634	102.117	ug/l		100
52) Toluene	7.963	92	121876	20.399	ug/l		100
53) t-1,3-Dichloropropene	8.205	75	72351	19.616	ug/l		100
54) cis-1,3-Dichloropropene	7.603	75	78819	20.036	ug/l		99
55) 1,1,2-Trichloroethane	8.394	97	48018	19.690	ug/l		98
56) Ethyl methacrylate	8.330	69	71292	19.682	ug/l		100
57) 1,3-Dichloropropane	8.571	76	85605	20.018	ug/l		99
58) 2-Chloroethyl Vinyl ether	7.462	63	9508	91.190	ug/l		99
59) 2-Hexanone	8.687	43	252723	102.249	ug/l		99
60) Dibromochloromethane	8.806	129	52868	19.741	ug/l		98
61) 1,2-Dibromoethane	8.918	107	51731	20.205	ug/l		99
64) Tetrachloroethene	8.549	164	41376	19.472	ug/l		95
65) Chlorobenzene	9.443	112	127207	19.654	ug/l		97
66) 1,1,1,2-Tetrachloroethane	9.529	131	47077	19.403	ug/l		99
67) Ethyl Benzene	9.565	91	216241	19.770	ug/l		100
68) m/p-Xylenes	9.690	106	173220	40.777	ug/l		100
69) o-Xylene	10.095	106	82422	20.325	ug/l		100
70) Styrene	10.111	104	140202	19.771	ug/l		99
71) Bromoform	10.288	173	40088	19.784	ug/l	#	99
73) Isopropylbenzene	10.481	105	218862	20.912	ug/l		100
74) N-amyl acetate	10.317	43	82053	20.579	ug/l		100
75) 1,1,2,2-Tetrachloroethane	10.780	83	80861	19.501	ug/l		100
76) 1,2,3-Trichloropropane	10.819	75	87595	20.205	ug/l		100
77) Bromobenzene	10.780	156	54090	19.983	ug/l		98
78) n-propylbenzene	10.902	91	253761	20.616	ug/l		99
79) 2-Chlorotoluene	10.983	91	155406	20.432	ug/l		98
80) 1,3,5-Trimethylbenzene	11.082	105	185678	21.356	ug/l		100
81) trans-1,4-Dichloro-2-b...	10.545	75	22134	19.839	ug/l		96
82) 4-Chlorotoluene	11.092	91	181824	20.973	ug/l		99
83) tert-Butylbenzene	11.417	119	183902	20.608	ug/l		98
84) 1,2,4-Trimethylbenzene	11.462	105	185817	21.532	ug/l		99
85) sec-Butylbenzene	11.639	105	228376	20.906	ug/l		99
86) p-Isopropyltoluene	11.790	119	190901	20.552	ug/l		99
87) 1,3-Dichlorobenzene	11.741	146	106123	20.568	ug/l		100
88) 1,4-Dichlorobenzene	11.832	146	106415	20.059	ug/l		99
89) n-Butylbenzene	12.204	91	155819	18.851	ug/l		100
90) Hexachloroethane	12.471	117	33624	18.868	ug/l		100
91) 1,2-Dichlorobenzene	12.208	146	105157	20.210	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.992	75	16666	19.371	ug/l		99
93) 1,2,4-Trichlorobenzene	13.835	180	60551	19.925	ug/l		100
94) Hexachlorobutadiene	14.015	225	31774	18.863	ug/l		97
95) Naphthalene	14.082	128	178000	19.256	ug/l		99
96) 1,2,3-Trichlorobenzene	14.323	180	61062	20.240	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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