Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
Data File : VU052754.D
Acq On : 20 Jan 2023 11:46
Operator : JC/MD
Sample : VU0120WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0120WBS01

Quant Time: Jan 21 01:00:39 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	203662	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	331038	50.000 ug/l	0.00
63) Chlorobenzene-d5	9.414	117	306151	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	161083	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.697	65	147289	50.216 ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.440%		
35) Dibromofluoromethane	5.282	113	117300	50.888 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.780%		
50) Toluene-d8	7.893	98	433847	50.188 ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.380%		
62) 4-Bromofluorobenzene	10.629	95	160103	50.702 ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.400%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.385	85	44623	18.581 ug/l	99
3) Chloromethane	1.520	50	45895	18.605 ug/l	99
4) Vinyl Chloride	1.604	62	47853	19.450 ug/l	100
5) Bromomethane	1.858	94	24476	20.152 ug/l	99
6) Chloroethane	1.932	64	28558	18.362 ug/l	97
7) Trichlorofluoromethane	2.131	101	74373	19.635 ug/l	98
8) Diethyl Ether	2.372	74	26791	19.431 ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	43114	19.683 ug/l	99
10) Methyl Iodide	2.720	142	36353	21.334 ug/l	99
11) Tert butyl alcohol	3.334	59	49246m	98.538 ug/l	
12) 1,1-Dichloroethene	2.575	96	41507	19.160 ug/l	98
13) Acrolein	2.485	56	49463	105.360 ug/l	98
14) Allyl chloride	2.919	41	67883	19.894 ug/l	99
15) Acrylonitrile	3.314	53	130153	94.384 ug/l	99
16) Acetone	2.636	43	137370	98.268 ug/l	100
17) Carbon Disulfide	2.790	76	118518	18.259 ug/l	99
18) Methyl Acetate	2.948	43	71215	18.407 ug/l	98
19) Methyl tert-butyl Ether	3.359	73	146801	20.002 ug/l	98
20) Methylene Chloride	3.041	84	51458	19.616 ug/l	99
21) trans-1,2-Dichloroethene	3.346	96	45744	19.588 ug/l	96
22) Diisopropyl ether	3.983	45	141264	19.908 ug/l	89
23) Vinyl Acetate	3.951	43	529415	97.234 ug/l	99
24) 1,1-Dichloroethane	3.864	63	86311	19.178 ug/l	98
25) 2-Butanone	4.703	43	173169	96.052 ug/l	98
26) 2,2-Dichloropropane	4.658	77	73218	19.831 ug/l	99
27) cis-1,2-Dichloroethene	4.662	96	52645	20.536 ug/l	99
28) Bromochloromethane	4.970	49	39130	20.829 ug/l	99
29) Tetrahydrofuran	5.054	42	101108	96.609 ug/l	100
30) Chloroform	5.083	83	89581	18.621 ug/l	99
31) Cyclohexane	5.382	56	78624	19.130 ug/l	97
32) 1,1,1-Trichloroethane	5.311	97	78791	19.995 ug/l	99
36) 1,1-Dichloropropene	5.520	75	65569	19.826 ug/l	99
37) Ethyl Acetate	4.803	43	63204	17.580 ug/l	98
38) Carbon Tetrachloride	5.520	117	66677	19.596 ug/l	99
39) Methylcyclohexane	6.758	83	74316	19.310 ug/l	97
40) Benzene	5.768	78	196041	19.631 ug/l	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.970	41	33553	19.292	ug/l		98
42) 1,2-Dichloroethane	5.787	62	70932	19.671	ug/l		100
43) Isopropyl Acetate	5.906	43	95420	19.041	ug/l		99
44) Trichloroethene	6.536	130	49254	19.940	ug/l		99
45) 1,2-Dichloropropane	6.784	63	49151	19.082	ug/l		100
46) Dibromomethane	6.915	93	34917	19.574	ug/l		99
47) Bromodichloromethane	7.102	83	69767	19.546	ug/l		99
48) Methyl methacrylate	6.957	41	44521	19.496	ug/l		99
49) 1,4-Dioxane	7.025	88	18493	417.938	ug/l		96
51) 4-Methyl-2-Pentanone	7.790	43	320199	98.725	ug/l		99
52) Toluene	7.964	92	122030	20.205	ug/l		99
53) t-1,3-Dichloropropene	8.205	75	72483	19.440	ug/l		99
54) cis-1,3-Dichloropropene	7.604	75	79724	20.048	ug/l		99
55) 1,1,2-Trichloroethane	8.395	97	48583	19.707	ug/l		99
56) Ethyl methacrylate	8.330	69	69881	19.154	ug/l		99
57) 1,3-Dichloropropane	8.571	76	85318	19.736	ug/l		97
58) 2-Chloroethyl Vinyl ether	7.462	63	8248	78.253	ug/l		100
59) 2-Hexanone	8.687	43	248333	99.391	ug/l		100
60) Dibromochloromethane	8.806	129	52727	19.476	ug/l		99
61) 1,2-Dibromoethane	8.919	107	51644	19.954	ug/l		98
64) Tetrachloroethene	8.549	164	41845	19.674	ug/l		96
65) Chlorobenzene	9.443	112	128235	19.795	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.530	131	47077	19.385	ug/l		99
67) Ethyl Benzene	9.565	91	216678	19.792	ug/l		100
68) m/p-Xylenes	9.690	106	175999	41.393	ug/l		97
69) o-Xylene	10.095	106	82176	20.245	ug/l		100
70) Styrene	10.111	104	138476	19.527	ug/l		99
71) Bromoform	10.288	173	40987	20.209	ug/l	#	99
73) Isopropylbenzene	10.481	105	218097	20.552	ug/l		100
74) N-amyl acetate	10.317	43	79289	19.612	ug/l		97
75) 1,1,2,2-Tetrachloroethane	10.780	83	80573	19.164	ug/l		100
76) 1,2,3-Trichloropropane	10.819	75	85104	19.360	ug/l		98
77) Bromobenzene	10.777	156	55500	20.222	ug/l		95
78) n-propylbenzene	10.902	91	254791	20.415	ug/l		100
79) 2-Chlorotoluene	10.983	91	159255	20.650	ug/l		99
80) 1,3,5-Trimethylbenzene	11.083	105	183357	20.799	ug/l		100
81) trans-1,4-Dichloro-2-b...	10.542	75	20967	18.535	ug/l		95
82) 4-Chlorotoluene	11.092	91	180684	20.555	ug/l		100
83) tert-Butylbenzene	11.417	119	184291	20.367	ug/l		100
84) 1,2,4-Trimethylbenzene	11.462	105	183388	20.958	ug/l		100
85) sec-Butylbenzene	11.639	105	227791	20.566	ug/l		99
86) p-Isopropyltoluene	11.790	119	191332	20.315	ug/l		99
87) 1,3-Dichlorobenzene	11.742	146	104406	19.956	ug/l		99
88) 1,4-Dichlorobenzene	11.832	146	104654	19.455	ug/l		99
89) n-Butylbenzene	12.205	91	154949	18.534	ug/l		100
90) Hexachloroethane	12.472	117	32987	18.256	ug/l		98
91) 1,2-Dichlorobenzene	12.208	146	102975	19.518	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.992	75	16145	18.507	ug/l		97
93) 1,2,4-Trichlorobenzene	13.835	180	59582	19.337	ug/l		99
94) Hexachlorobutadiene	14.018	225	32256	18.886	ug/l		100
95) Naphthalene	14.082	128	163471	17.677	ug/l		100
96) 1,2,3-Trichlorobenzene	14.327	180	59200	19.353	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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