Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
Data File : VU052759.D
Acq On : 20 Jan 2023 13:45
Operator : JC/MD
Sample : MDL07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Quant Time: Jan 21 01:21:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 21 01:19:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.369	168	197430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	328422	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	301417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	139179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	145445	51.153	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.300%			
35) Dibromofluoromethane	5.282	113	115844	50.657	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.320%			
50) Toluene-d8	7.893	98	408719	47.658	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.320%			
62) 4-Bromofluorobenzene	10.629	95	141605	45.201	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	5565	2.390	ug/l	99
3) Chloromethane	1.520	50	7114	2.975	ug/l	95
4) Vinyl Chloride	1.604	62	6470	2.713	ug/l	95
5) Bromomethane	1.858	94	3481	2.956	ug/l	98
6) Chloroethane	1.932	64	3674	2.437	ug/l	98
7) Trichlorofluoromethane	2.131	101	9952	2.710	ug/l	97
8) Diethyl Ether	2.375	74	3445	2.577	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.575	101	5175	2.437	ug/l	97
10) Methyl Iodide	2.719	142	4315	2.473	ug/l	98
11) Tert butyl alcohol	3.353	59	5642m	11.646	ug/l	
12) 1,1-Dichloroethene	2.575	96	5479	2.609	ug/l	87
13) Acrolein	2.488	56	7112	14.930	ug/l	99
14) Allyl chloride	2.919	41	8044	2.432	ug/l	97
15) Acrylonitrile	3.317	53	16396	12.265	ug/l	99
16) Acetone	2.639	43	15848	11.695	ug/l	94
17) Carbon Disulfide	2.787	76	16722	2.658	ug/l	97
18) Methyl Acetate	2.951	43	9387	2.503	ug/l	96
19) Methyl tert-butyl Ether	3.356	73	18255	2.566	ug/l	95
20) Methylene Chloride	3.047	84	8305	2.723	ug/l	96
21) trans-1,2-Dichloroethene	3.350	96	5904	2.608	ug/l	89
22) Diisopropyl ether	3.989	45	16273	2.366	ug/l #	67
23) Vinyl Acetate	3.951	43	61175	11.590	ug/l	98
24) 1,1-Dichloroethane	3.870	63	11373	2.607	ug/l	96
25) 2-Butanone	4.713	43	19598	11.214	ug/l	96
26) 2,2-Dichloropropane	4.661	77	8962	2.504	ug/l	97
27) cis-1,2-Dichloroethene	4.661	96	6524	2.625	ug/l	97
28) Bromochloromethane	4.970	49	4408	2.421	ug/l #	97
29) Tetrahydrofuran	5.060	42	12402	12.224	ug/l	96
30) Chloroform	5.086	83	11311	2.425	ug/l	100
31) Cyclohexane	5.378	56	13129	3.295	ug/l #	61
32) 1,1,1-Trichloroethane	5.311	97	9921	2.597	ug/l	95
36) 1,1-Dichloropropene	5.523	75	7951	2.423	ug/l	97
37) Ethyl Acetate	4.813	43	9471m	2.655	ug/l	
38) Carbon Tetrachloride	5.517	117	7797	2.310	ug/l	95
39) Methylcyclohexane	6.758	83	9182	2.405	ug/l	91
40) Benzene	5.771	78	24518	2.475	ug/l	95

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Quant Title : SW846 8260
QLast Update : Sat Jan 21 01:19:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.980	41	3871	2.243	ug/l	#	93
42) 1,2-Dichloroethane	5.790	62	9644	2.696	ug/l		97
43) Isopropyl Acetate	5.909	43	12293	2.473	ug/l		95
44) Trichloroethene	6.539	130	6085	2.483	ug/l		94
45) 1,2-Dichloropropane	6.787	63	6642	2.599	ug/l		99
46) Dibromomethane	6.915	93	4336	2.450	ug/l		98
47) Bromodichloromethane	7.102	83	8629	2.437	ug/l		97
48) Methyl methacrylate	6.960	41	5300	2.339	ug/l		91
49) 1,4-Dioxane	7.028	88	2222	50.617	ug/l	#	89
51) 4-Methyl-2-Pentanone	7.793	43	36413	11.316	ug/l		100
52) Toluene	7.967	92	14691	2.452	ug/l		96
53) t-1,3-Dichloropropene	8.208	75	8365	2.261	ug/l		93
54) cis-1,3-Dichloropropene	7.603	75	8659	2.195	ug/l		96
55) 1,1,2-Trichloroethane	8.394	97	5860	2.396	ug/l		89
56) Ethyl methacrylate	8.333	69	7775	2.258	ug/l		97
57) 1,3-Dichloropropane	8.571	76	10226	2.384	ug/l		96
59) 2-Hexanone	8.687	43	27955	11.278	ug/l		94
60) Dibromochloromethane	8.806	129	6182	2.302	ug/l		97
61) 1,2-Dibromoethane	8.922	107	6753	2.630	ug/l		89
64) Tetrachloroethene	8.552	164	5443	2.599	ug/l		97
65) Chlorobenzene	9.443	112	16390	2.570	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.529	131	5904	2.469	ug/l		97
67) Ethyl Benzene	9.568	91	24335	2.258	ug/l		99
68) m/p-Xylenes	9.690	106	18522	4.425	ug/l		97
69) o-Xylene	10.098	106	8741	2.187	ug/l		91
70) Styrene	10.111	104	14184	2.164	ug/l		98
71) Bromoform	10.288	173	4602	2.305	ug/l	#	98
73) Isopropylbenzene	10.481	105	22502	2.454	ug/l		98
74) N-amyl acetate	10.320	43	8371	2.396	ug/l		97
75) 1,1,2,2-Tetrachloroethane	10.780	83	9917	2.730	ug/l		98
76) 1,2,3-Trichloropropane	10.819	75	10767	2.835	ug/l		100
77) Bromobenzene	10.780	156	6638	2.799	ug/l		98
78) n-propylbenzene	10.902	91	26903	2.495	ug/l		98
79) 2-Chlorotoluene	10.983	91	18148	2.723	ug/l		96
80) 1,3,5-Trimethylbenzene	11.082	105	18554	2.436	ug/l		97
81) trans-1,4-Dichloro-2-b...	10.545	75	2031m	2.078	ug/l		
82) 4-Chlorotoluene	11.095	91	19711	2.595	ug/l		96
83) tert-Butylbenzene	11.417	119	19202	2.456	ug/l		98
84) 1,2,4-Trimethylbenzene	11.465	105	18130	2.398	ug/l		98
85) sec-Butylbenzene	11.639	105	22426	2.343	ug/l		96
86) p-Isopropyltoluene	11.790	119	18179	2.234	ug/l		97
87) 1,3-Dichlorobenzene	11.741	146	12137	2.685	ug/l		99
88) 1,4-Dichlorobenzene	11.832	146	12537	2.697	ug/l		90
89) n-Butylbenzene	12.204	91	15709	2.250	ug/l		95
90) Hexachloroethane	12.471	117	3522	2.256	ug/l		89
91) 1,2-Dichlorobenzene	12.211	146	12086	2.651	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	12.995	75	1897	2.517	ug/l		94
93) 1,2,4-Trichlorobenzene	13.838	180	6379	2.396	ug/l		95
94) Hexachlorobutadiene	14.015	225	3694	2.503	ug/l		98
95) Naphthalene	14.085	128	16393	2.171	ug/l		99
96) 1,2,3-Trichlorobenzene	14.327	180	5972	2.260	ug/l		93

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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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