Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
Data File : VX034784.D
Acq On : 28 Mar 2023 11:14
Operator : JC/MD
Sample : 01950-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

Quant Time: Mar 28 15:17:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Mar 28 09:11:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.897	128	25785	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	189794	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	205036	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	77547	31.300	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.333%			
60) 4-Bromofluorobenzene	11.079	95	119512	29.171	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.233%			
63) Toluene-d8	8.647	98	211413	30.341	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.133%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	194700	94.610	ug/l	99
7) Trichlorofluoromethane	1.892	101	289360	58.062	ug/l	98
10) 1,1-Dichloroethene	2.325	96	113485	44.340	ug/l	99
15) Acetone	2.392	58	29875	70.507	ug/l	98
18) Methylene Chloride	2.788	84	56559	18.760	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	208030	74.279	ug/l	95
22) cis-1,2-Dichloroethene	4.489	96	117001	35.870	ug/l	89
24) Methyl tert-Butyl Ether	3.111	73	477997	50.258	ug/l	99
25) Chloroform	5.093	83	416814	75.533	ug/l	99
30) 2-Butanone	4.556	43	458393	188.296	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	183637	35.859	ug/l	99
33) Carbon Tetrachloride	5.678	117	237473	56.186	ug/l	95
34) Benzene	6.038	78	1170619	92.279	ug/l	98
41) Bromodichloromethane	7.818	83	270039	63.291	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	86346	18.574	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	490195	95.981	ug/l	98
53) Dibromochloromethane	9.519	129	240733	77.113	ug/l	98
54) 1,2-Dibromoethane	9.610	107	111102	32.914	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	833516	177.306	ug/l	100
59) 2-Hexanone	9.427	43	354573	100.177	ug/l	100
61) Tetrachloroethene	9.275	164	142385	51.538	ug/l	97
64) Chlorobenzene	10.079	112	463404	56.129	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	137351	46.536	ug/l	98
66) Ethyl Benzene	10.195	91	1325048	88.736	ug/l	99
67) m/p-Xylenes	10.299	106	566623	99.729	ug/l	99
68) o-Xylene	10.640	106	637788	113.512	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	565386	118.286	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	544104	44.449	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	879093	72.269	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	294796	44.700	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	293749	44.354	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	713831	110.614	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	21103	20.203	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	277578	71.703	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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