

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032924\
 Data File : VX040836.D
 Acq On : 29 Mar 2024 13:27
 Operator : JC/MD
 Sample : P1908-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Quant Time: Mar 29 22:59:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 05:24:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.904	128	3689	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	31264	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	38542	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	20301	32.109	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.033%
60) 4-Bromofluorobenzene	11.079	95	23116	27.455	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.533%
63) Toluene-d8	8.647	98	46727	30.925	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	37976	64.413	ug/l	97
5) Bromomethane	1.618	94	22864	59.576	ug/l	100
10) 1,1-Dichloroethene	2.325	96	14905	26.987	ug/l	90
11) Methyl Iodide	2.459	142	7668	10.157	ug/l	98
15) Acetone	2.380	58	16017	163.623	ug/l	80
18) Methylene Chloride	2.794	84	22533	37.916	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	21308	36.919	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	32232	47.531	ug/l	93
25) Chloroform	5.093	83	81829	67.738	ug/l	94
30) 2-Butanone	4.556	43	34441	62.396	ug/l	96
34) Benzene	6.038	78	35805	14.308	ug/l	97
36) 1,2-Dichloroethane	6.086	62	121013	111.295	ug/l	95
37) Trichloroethene	7.123	130	16671	26.967	ug/l	94
39) 1,2-Dichloropropane	7.428	63	20836	35.045	ug/l	99
41) Bromodichloromethane	7.818	83	29906	29.883	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	22025	22.185	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	104291	101.680	ug/l #	90
50) 1,1,2-Trichloroethane	9.147	97	20431	33.795	ug/l	97
53) Dibromochloromethane	9.519	129	65480	90.397	ug/l	99
54) 1,2-Dibromoethane	9.610	107	11950	17.859	ug/l	99
59) 2-Hexanone	9.427	43	96549	111.296	ug/l	95
61) Tetrachloroethene	9.269	164	52932	102.453	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.159	131	53859	91.200	ug/l	97
66) Ethyl Benzene	10.195	91	152851	49.886	ug/l	98
67) m/p-Xylenes	10.299	106	91361	81.219	ug/l	96
68) o-Xylene	10.640	106	102822	97.030	ug/l	96
69) Styrene	10.653	104	192759	104.832	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	68860	68.686	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	84936	100.071	ug/l	91
76) 1,3,5-Trimethylbenzene	11.451	105	143754	57.548	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	272524	110.089	ug/l	99
84) 1,4-Dichlorobenzene	12.037	146	93382	67.795	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	121263	134.444	ug/l	99
91) Naphthalene	13.774	128	129680	42.989	ug/l	99

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

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