

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037947.D
 Acq On : 28 Sep 2023 13:51
 Operator : JC/MD
 Sample : 04346-02DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WPDL

Quant Time: Sep 29 04:25:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 06:08:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	43114	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	248358	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	238986	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	96257	30.972	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.233%
60) 4-Bromofluorobenzene	11.079	95	113209	29.059	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.867%
63) Toluene-d8	8.653	98	307779	29.833	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.433%
Target Compounds						Qvalue
6) Chloroethane	1.691	64	77181	42.429	ug/l	92
7) Trichlorofluoromethane	1.892	101	184939	41.348	ug/l	98
10) 1,1-Dichloroethene	2.325	96	159055	71.254	ug/l	94
15) Acetone	2.380	58	9081	25.061	ug/l	89
18) Methylene Chloride	2.794	84	118477	44.284	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	31530	12.532	ug/l	96
21) 1,1-Dichloroethane	3.611	63	291467	66.122	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	195271	65.368	ug/l	86
25) Chloroform	5.099	83	212754	43.887	ug/l	99
30) 2-Butanone	4.556	43	146952	85.291	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	158381	36.817	ug/l	98
33) Carbon Tetrachloride	5.678	117	189953	51.582	ug/l	99
39) 1,2-Dichloropropane	7.434	63	151297	55.142	ug/l	95
40) Dibromomethane	7.586	93	18588	9.181	ug/l	97
48) t-1,3-Dichloropropene	8.982	75	169534	42.220	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	169467	39.299	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	191295	66.119	ug/l	97
53) Dibromochloromethane	9.525	129	134711	45.178	ug/l	100
54) 1,2-Dibromoethane	9.610	107	158233	50.400	ug/l	98
56) Bromoform	10.799	173	90846	40.508	ug/l	98
61) Tetrachloroethene	9.275	164	136183	53.546	ug/l	97
62) Toluene	8.720	91	136562	11.016	ug/l	99
64) Chlorobenzene	10.080	112	185201	23.948	ug/l	99
66) Ethyl Benzene	10.195	91	393599	28.768	ug/l	97
67) m/p-Xylenes	10.299	106	96805	17.961	ug/l	97
68) o-Xylene	10.640	106	82113	15.732	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	106445	26.555	ug/l	90
76) 1,3,5-Trimethylbenzene	11.451	105	534173	44.719	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	298962	44.039	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	321753	46.774	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	60871	9.101	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.945	75	65830	72.396	ug/l	87
91) Naphthalene	13.774	128	946976	68.613	ug/l	99

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

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