

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035231.D
 Acq On : 21 Apr 2023 15:16
 Operator : JC/MD
 Sample : 02429-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230419084-02-VOA

Quant Time: Apr 22 01:05:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	257274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	428222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156422	39.755	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	79.520%		
35) Dibromofluoromethane	5.391	113	130688	46.141	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.280%		
50) Toluene-d8	8.647	98	506961	48.493	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.980%		
62) 4-Bromofluorobenzene	11.079	95	186835	46.183	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.360%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	1150	0.362	ug/l	95
6) Chloroethane	1.691	64	1445	0.698	ug/l	97
8) Diethyl Ether	2.130	74	20723	11.494	ug/l	98
11) Tert butyl alcohol	2.995	59	169440	245.443	ug/l	99
16) Acetone	2.392	43	9739	6.093	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	6614	0.676	ug/l #	89
25) 2-Butanone	4.574	43	11918	5.126	ug/l #	85
27) cis-1,2-Dichloroethene	4.495	96	1869	0.548	ug/l	69
29) Tetrahydrofuran	5.007	42	259760	178.340	ug/l	99
40) Benzene	6.043	78	10838	0.900	ug/l	97
49) 1,4-Dioxane	7.702	88	15353	206.659	ug/l	92
52) Toluene	8.720	92	5531	0.704	ug/l	92
65) Chlorobenzene	10.079	112	71507	8.941	ug/l	100
67) Ethyl Benzene	10.195	91	93868	6.479	ug/l	100
68) m/p-Xylenes	10.305	106	26950	4.870	ug/l	100
69) o-Xylene	10.640	106	19831	3.658	ug/l	99
73) Isopropylbenzene	10.963	105	15109	1.185	ug/l	98
78) n-propylbenzene	11.305	91	8489	0.576	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	7460	0.700	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	30147	2.781	ug/l	99
86) p-Isopropyltoluene	12.012	119	9077	0.894	ug/l	92
88) 1,4-Dichlorobenzene	12.042	146	73698	12.267	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	6722	1.167	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	2789	0.856	ug/l	91
94) Hexachlorobutadiene	13.725	225	1092	0.762	ug/l	98
95) Naphthalene	13.774	128	111298	9.613	ug/l	99

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

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