Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
Data File : VX035296.D
Acq On : 25 Apr 2023 20:05
Operator : JC/MD
Sample : 02429-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

Quant Time: Apr 26 01:45:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.550	168	236589	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	387940	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	350482	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169634	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.952	65	143432	50.251	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.500%				
35) Dibromofluoromethane	5.385	113	117109	49.184	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.360%				
50) Toluene-d8	8.647	98	456251	50.795	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.600%				
62) 4-Bromofluorobenzene	11.079	95	171608	50.788	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.580%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.167	85	1132	0.452	ug/l		92
4) Vinyl Chloride	1.374	62	868	0.380	ug/l	#	71
6) Chloroethane	1.691	64	1204	0.901	ug/l		90
8) Diethyl Ether	2.130	74	17762	13.639	ug/l		99
11) Tert butyl alcohol	2.995	59	153002	294.398	ug/l		100
16) Acetone	2.392	43	10862	8.762	ug/l		98
19) Methyl tert-butyl Ether	3.117	73	6186	0.785	ug/l		91
21) trans-1,2-Dichloroethene	3.093	96	512	0.205	ug/l		81
25) 2-Butanone	4.581	43	11599	6.410	ug/l	#	84
27) cis-1,2-Dichloroethene	4.489	96	1214	0.414	ug/l		69
29) Tetrahydrofuran	5.007	42	227306	195.965	ug/l		97
49) 1,4-Dioxane	7.702	88	13494	197.792	ug/l		91
65) Chlorobenzene	10.080	112	5544	0.731	ug/l	#	88
68) m/p-Xylenes	10.305	106	5347	1.063	ug/l		93
69) o-Xylene	10.647	106	1657	0.336	ug/l		91
80) 1,3,5-Trimethylbenzene	11.451	105	2842	0.272	ug/l		93
86) p-Isopropyltoluene	12.012	119	5799	0.530	ug/l		89
88) 1,4-Dichlorobenzene	12.043	146	62482	10.173	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	2546	0.435	ug/l		98
93) 1,2,4-Trichlorobenzene	13.591	180	759	0.206	ug/l		88

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

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