Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103124\
Data File : VX043649.D
Acq On : 31 Oct 2024 14:27
Operator : JC/MD
Sample : P4646-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
241030069-01-VOA

Quant Time: Nov 01 00:53:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	97314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	180518	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71153	45.855	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.720%			
35) Dibromofluoromethane	5.379	113	55808	45.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.180%			
50) Toluene-d8	8.647	98	214982	50.735	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.480%			
62) 4-Bromofluorobenzene	11.079	95	78370	49.912	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.820%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	522	0.423	ug/l #	73
8) Diethyl Ether	2.136	74	2016	2.893	ug/l	75
16) Acetone	2.386	43	212295	344.531	ug/l	98
17) Carbon Disulfide	2.502	76	1236	0.567	ug/l #	93
18) Methyl Acetate	2.703	43	2003	1.112	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	13427	3.387	ug/l #	85
25) 2-Butanone	4.562	43	260972	290.344	ug/l	95
29) Tetrahydrofuran	5.007	42	358434	613.627	ug/l	98
40) Benzene	6.038	78	23072	4.765	ug/l	95
49) 1,4-Dioxane	7.677	88	3578	126.047	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	7496	4.220	ug/l	89
52) Toluene	8.720	92	8879	3.024	ug/l	99
65) Chlorobenzene	10.079	112	5115	1.438	ug/l #	81
67) Ethyl Benzene	10.189	91	40500	6.984	ug/l	97
68) m/p-Xylenes	10.299	106	21543	9.714	ug/l	97
69) o-Xylene	10.640	106	13826	6.205	ug/l	97
70) Styrene	10.659	104	2150	0.581	ug/l #	1
73) Isopropylbenzene	10.963	105	5501	1.052	ug/l	89
78) n-propylbenzene	11.305	91	3132	0.549	ug/l	93
79) 2-Chlorotoluene	11.366	91	2188	0.579	ug/l	82
80) 1,3,5-Trimethylbenzene	11.451	105	4045	0.927	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	16916	3.806	ug/l	89
86) p-Isopropyltoluene	12.012	119	5686	1.287	ug/l	89
88) 1,4-Dichlorobenzene	12.043	146	10973	4.374	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	1071	0.433	ug/l	86
95) Naphthalene	13.774	128	225475	39.212	ug/l	99

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

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