Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
Data File : VX035662.D
Acq On : 15 May 2023 14:03
Operator : JC/MD
Sample : 02751-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-03-71-05072023

Manual Integrations APPROVED

Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

Quant Time: May 16 04:58:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	201762	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	369775	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170614	48.472	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.940%			
35) Dibromofluoromethane	5.385	113	122537	49.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.280%			
50) Toluene-d8	8.647	98	452477	49.115	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.240%			
62) 4-Bromofluorobenzene	11.079	95	194875	52.536	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.080%			
Target Compounds						Qvalue
3) Chloromethane	1.295	50	13405	4.201	ug/l	93
11) Tert butyl alcohol	3.014	59	3074m	4.950	ug/l	
12) 1,1-Dichloroethene	2.319	96	517	0.230	ug/l #	82
13) Acrolein	2.239	56	294466	399.526	ug/l	97
15) Acrylonitrile	3.081	53	1555	1.137	ug/l	93
16) Acetone	2.392	43	889124	587.732	ug/l	94
17) Carbon Disulfide	2.514	76	1560	0.288	ug/l	96
18) Methyl Acetate	2.709	43	104155	18.668	ug/l	98
24) 1,1-Dichloroethane	3.611	63	1180	0.234	ug/l #	85
25) 2-Butanone	4.562	43	390348	186.395	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	5220	1.764	ug/l	96
29) Tetrahydrofuran	5.013	42	8979	6.822	ug/l	95
30) Chloroform	5.080	83	1422	0.275	ug/l #	63
32) 1,1,1-Trichloroethane	5.379	97	21471	4.778	ug/l	98
40) Benzene	6.038	78	252023	22.887	ug/l	98
44) Trichloroethene	7.123	130	176383	63.171	ug/l	89
52) Toluene	8.720	92	119233	17.153	ug/l	99
59) 2-Hexanone	9.427	43	105212	33.872	ug/l	100
64) Tetrachloroethene	9.275	164	8325	3.573	ug/l #	89
67) Ethyl Benzene	10.195	91	51587	3.630	ug/l	99
68) m/p-Xylenes	10.299	106	8973	1.708	ug/l	90
69) o-Xylene	10.640	106	16918	3.246	ug/l	86
70) Styrene	10.653	104	22202	2.643	ug/l	93
78) n-propylbenzene	11.305	91	34725	2.058	ug/l	96
86) p-Isopropyltoluene	12.006	119	7365	0.602	ug/l #	85
89) n-Butylbenzene	12.329	91	17962	1.613	ug/l	98
95) Naphthalene	13.774	128	34896	2.793	ug/l #	95

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

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