Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027647.D
Acq On : 23 Mar 2022 05:17
Operator : JC/MD
Sample : N2028-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP031722

Manual Integrations APPROVED
Reviewed By :John Carlone 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022

Quant Time: Mar 23 07:44:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	370266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	572116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	531748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	275001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	198930	43.612	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 87.220%			
35) Dibromofluoromethane	5.391	113	188595	51.236	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.480%			
50) Toluene-d8	8.653	98	696202	49.983	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.960%			
62) 4-Bromofluorobenzene	11.085	95	272908	53.306	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.620%			
Target Compounds						Qvalue
8) Diethyl Ether	2.136	74	2003	0.894	ug/l	67
11) Tert butyl alcohol	2.959	59	150297	172.895	ug/l #	72
16) Acetone	2.380	43	359254	193.228	ug/l	99
17) Carbon Disulfide	2.514	76	11377	1.300	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	177455	15.298	ug/l #	1
22) Diisopropyl ether	3.770	45	56061	5.336	ug/l #	87
25) 2-Butanone	4.562	43	222005	79.366	ug/l	96
31) Cyclohexane	5.477	56	797182	140.745	ug/l	98
39) Methylcyclohexane	7.385	83	613956	97.061	ug/l	97
40) Benzene	6.056	78	21700130	1503.694	ug/l #	84
42) 1,2-Dichloroethane	6.098	62	343644	63.538	ug/l	96
45) 1,2-Dichloropropane	7.440	63	9928	2.701	ug/l	96
51) 4-Methyl-2-Pentanone	8.586	43	53198	10.331	ug/l	99
52) Toluene	8.738	92	16281561	1683.611	ug/l #	67
59) 2-Hexanone	9.445	43	258408m	65.155	ug/l	
67) Ethyl Benzene	10.201	91	8662563	462.667	ug/l #	83
68) m/p-Xylenes	10.317	106	12672178	1718.940	ug/l #	61
69) o-Xylene	10.653	106	6659679	930.398	ug/l	76
73) Isopropylbenzene	10.963	105	840976	41.985	ug/l	100
78) n-propylbenzene	11.305	91	2389212	108.658	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	3753615	222.654	ug/l	97
84) 1,2,4-Trimethylbenzene	11.762	105	10118163	601.813	ug/l	86
85) sec-Butylbenzene	11.896	105	86362m	4.279	ug/l	
86) p-Isopropyltoluene	12.012	119	44084m	2.543	ug/l	
95) Naphthalene	13.780	128	1580606	82.935	ug/l	99

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

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