Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
Data File : BN015779.D
Acq On : 03 Aug 2021 21:33
Operator : CG/JU
Sample : M2940-07
Misc : LOD-MDL-WATER-0.2ng
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
8/4/2021 3:46:46 PM

Quant Time: Aug 04 02:16:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 02:14:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	40589	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	180499	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	92686	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	172414	0.400	ng		0.00
29) Chrysene-d12	21.365	240	153565	0.400	ng		# 0.00
35) Perylene-d12	23.707	264	150414	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.393	112	32050	0.323	ng		0.00
5) Phenol-d6	6.951	99	37335	0.311	ng		0.00
8) Nitrobenzene-d5	8.936	82	30659	0.264	ng		0.01
11) 2-Methylnaphthalene-d10	12.158	152	110354	0.407	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	8578	0.255	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	108350	0.293	ng		0.00
27) Fluoranthene-d10	19.202	212	179515	0.400	ng		0.00
31) Terphenyl-d14	19.808	244	113630	0.299	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2503	0.190	ng		100
3) n-Nitrosodimethylamine	3.724	42	4959	0.183	ng		98
6) bis(2-Chloroethyl)ether	7.218	93	25175	0.231	ng		99
9) Naphthalene	10.622	128	103131	0.218	ng		100
10) Hexachlorobutadiene	10.914	225	17593	0.213	ng	#	100
12) 2-Methylnaphthalene	12.234	142	67351	0.221	ng		100
16) Acenaphthylene	14.129	152	73376	0.192	ng		100
17) Acenaphthene	14.472	154	54624	0.205	ng		100
18) Fluorene	15.461	166	65787	0.206	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	824	0.079	ng	#	80
21) 4-Bromophenyl-phenylether	16.360	248	20080	0.198	ng		96
22) Hexachlorobenzene	16.470	284	24462	0.210	ng		100
23) Atrazine	16.628	200	11778	0.189	ng		97
24) Pentachlorophenol	16.811	266	6291	0.175	ng		99
25) Phenanthrene	17.200	178	107063	0.209	ng		100
26) Anthracene	17.297	178	86339	0.200	ng		100
28) Fluoranthene	19.232	202	111138	0.208	ng		100
30) Pyrene	19.599	202	106681	0.208	ng		100
32) Benzo(a)anthracene	21.355	228	93435	0.199	ng		99
33) Chrysene	21.408	228	107176	0.211	ng		98
34) Bis(2-ethylhexyl)phtha...	21.291	149	28970	0.154	ng		99
36) Indeno(1,2,3-cd)pyrene	26.106	276	105477	0.198	ng		98
37) Benzo(b)fluoranthene	22.998	252	102782	0.197	ng		99
38) Benzo(k)fluoranthene	23.043	252	116348m	0.215	ng		
39) Benzo(a)pyrene	23.601	252	86801	0.200	ng		99
40) Dibenzo(a,h)anthracene	26.123	278	86816	0.195	ng	#	93
41) Benzo(g,h,i)perylene	26.839	276	91043	0.196	ng		100

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

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