Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015740.D
Acq On : 31 Jul 2021 18:04
Operator : CG/JU
Sample : M2262-08
Misc : LOQ-WTR-0.1ng
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2021

Manual Integrations APPROVED
mohammad
8/2/2021 3:48:52 PM

Quant Time: Aug 02 04:29:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 04:24:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	41223	0.400	ng		0.00
7) Naphthalene-d8	10.572	136	185391	0.400	ng		0.00
13) Acenaphthene-d10	14.421	164	98883	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	190477	0.400	ng		0.00
29) Chrysene-d12	21.376	240	179619	0.400	ng	#	0.00
35) Perylene-d12	23.714	264	194498	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	33111	0.299	ng		0.00
5) Phenol-d6	6.951	99	38042	0.284	ng		0.00
8) Nitrobenzene-d5	8.937	82	34033	0.292	ng		0.00
11) 2-Methylnaphthalene-d10	12.163	152	112135	0.402	ng		0.00
14) 2,4,6-Tribromophenol	15.906	330	9650	0.226	ng		-0.01
15) 2-Fluorobiphenyl	13.038	172	120689	0.319	ng		-0.01
27) Fluoranthene-d10	19.207	212	189778	0.378	ng		0.00
31) Terphenyl-d14	19.813	244	133418	0.305	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	1422	0.100	ng		94
3) n-Nitrosodimethylamine	3.742	42	1829	0.067	ng		92
6) bis(2-Chloroethyl)ether	7.218	93	11299	0.103	ng		99
9) Naphthalene	10.622	128	47566	0.099	ng		100
10) Hexachlorobutadiene	10.914	225	8171	0.096	ng	#	99
12) 2-Methylnaphthalene	12.239	142	31131	0.099	ng		99
16) Acenaphthylene	14.129	152	34225	0.079	ng		100
17) Acenaphthene	14.485	154	25418	0.090	ng		99
18) Fluorene	15.474	166	30357	0.088	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	462	0.031	ng	#	49
21) 4-Bromophenyl-phenylether	16.360	248	9585	0.086	ng	#	72
22) Hexachlorobenzene	16.482	284	11387	0.093	ng		99
23) Atrazine	16.640	200	8182	0.096	ng		98
24) Pentachlorophenol	16.823	266	3542	0.077	ng		99
25) Phenanthrene	17.212	178	49981	0.092	ng		99
26) Anthracene	17.298	178	40557	0.082	ng		100
28) Fluoranthene	19.237	202	52851	0.091	ng		100
30) Pyrene	19.599	202	51000	0.085	ng		100
32) Benzo(a)anthracene	21.355	228	46932	0.082	ng		98
33) Chrysene	21.408	228	51723	0.089	ng		98
34) Bis(2-ethylhexyl)phtha...	21.302	149	17876	0.059	ng		98
36) Indeno(1,2,3-cd)pyrene	26.113	276	62689	0.090	ng	#	74
37) Benzo(b)fluoranthene	23.002	252	53948	0.086	ng		98
38) Benzo(k)fluoranthene	23.050	252	63907m	0.095	ng		
39) Benzo(a)pyrene	23.608	252	50520	0.088	ng		96
40) Dibenzo(a,h)anthracene	26.137	278	53307	0.090	ng	#	57
41) Benzo(g,h,i)perylene	26.846	276	53084	0.087	ng		98

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

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