Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
Data File : BN034874.D
Acq On : 06 Nov 2024 14:22
Operator : RC/JU
Sample : P4368-07
Misc : LOD-MDL-WATER-0.2 ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Quant Time: Nov 06 15:37:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	6337	0.400	ng		-0.01
7) Naphthalene-d8	10.340	136	19447	0.400	ng		-0.01
13) Acenaphthene-d10	14.211	164	9848	0.400	ng		-0.01
19) Phenanthrene-d10	16.957	188	19525	0.400	ng		-0.01
29) Chrysene-d12	21.151	240	11906	0.400	ng		# 0.00
35) Perylene-d12	23.320	264	9629	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	5907	0.308	ng		-0.01
5) Phenol-d6	6.759	99	7993	0.320	ng		0.00
8) Nitrobenzene-d5	8.717	82	5702	0.373	ng		-0.01
11) 2-Methylnaphthalene-d10	11.939	152	15393	0.547	ng		-0.01
14) 2,4,6-Tribromophenol	15.704	330	797	0.164	ng		-0.01
15) 2-Fluorobiphenyl	12.832	172	14042	0.362	ng		-0.01
27) Fluoranthene-d10	18.992	212	26595	0.581	ng		0.00
31) Terphenyl-d14	19.600	244	8785	0.344	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.191	88	2013	0.290	ng		97
3) n-Nitrosodimethylamine	3.487	42	2376	0.303	ng	#	82
6) bis(2-Chloroethyl)ether	7.011	93	4611	0.253	ng		94
9) Naphthalene	10.394	128	11754	0.219	ng		100
10) Hexachlorobutadiene	10.692	225	1775	0.200	ng	#	99
12) 2-Methylnaphthalene	12.014	142	7260	0.206	ng		98
16) Acenaphthylene	13.923	152	9842	0.199	ng		100
17) Acenaphthene	14.276	154	6545	0.199	ng		95
18) Fluorene	15.259	166	8171	0.199	ng		99
20) 4,6-Dinitro-2-methylph...	15.345	198	263	0.250	ng	#	11
21) 4-Bromophenyl-phenylether	16.163	248	2191	0.194	ng		96
22) Hexachlorobenzene	16.262	284	2589	0.205	ng		93
23) Atrazine	16.436	200	1664	0.171	ng		98
24) Pentachlorophenol	16.610	266	865	0.159	ng		99
25) Phenanthrene	16.994	178	13018	0.227	ng		99
26) Anthracene	17.081	178	11473	0.214	ng		99
28) Fluoranthene	19.020	202	13343	0.211	ng		98
30) Pyrene	19.387	202	13106	0.211	ng		100
32) Benzo(a)anthracene	21.133	228	9951	0.210	ng		99
33) Chrysene	21.187	228	10825	0.233	ng		99
34) Bis(2-ethylhexyl)phtha...	21.098	149	5420	0.137	ng	#	95
36) Indeno(1,2,3-cd)pyrene	25.475	276	8138	0.230	ng		93
37) Benzo(b)fluoranthene	22.674	252	9391	0.242	ng	#	91
38) Benzo(k)fluoranthene	22.718	252	9218	0.244	ng	#	91
39) Benzo(a)pyrene	23.224	252	6839	0.214	ng	#	84
40) Dibenzo(a,h)anthracene	25.493	278	6290	0.228	ng		96
41) Benzo(g,h,i)perylene	26.130	276	7047	0.236	ng		92

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

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