Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
Data File : BN034877.D
Acq On : 06 Nov 2024 17:26
Operator : RC/JU
Sample : P4368-07
Misc : LOD-MDL-WATER-0.1 ng
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 06 17:53:56 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	8353	0.400	ng		-0.01
7) Naphthalene-d8	10.340	136	23694	0.400	ng		-0.01
13) Acenaphthene-d10	14.208	164	10490	0.400	ng		-0.01
19) Phenanthrene-d10	16.952	188	19719	0.400	ng		#-0.02
29) Chrysene-d12	21.149	240	10907	0.400	ng		#-0.01
35) Perylene-d12	23.318	264	9378	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	5557	0.220	ng		-0.01
5) Phenol-d6	6.759	99	7442	0.226	ng		0.00
8) Nitrobenzene-d5	8.717	82	5001	0.269	ng		-0.01
11) 2-Methylnaphthalene-d10	11.939	152	13000	0.379	ng		-0.01
14) 2,4,6-Tribromophenol	15.698	330	579	0.112	ng		-0.02
15) 2-Fluorobiphenyl	12.829	172	11792	0.285	ng		-0.01
27) Fluoranthene-d10	18.990	212	18583	0.402	ng		-0.01
31) Terphenyl-d14	19.603	244	6516	0.278	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.191	88	1052	0.115	ng		96
3) n-Nitrosodimethylamine	3.487	42	1122	0.109	ng	#	82
6) bis(2-Chloroethyl)ether	7.012	93	2129	0.089	ng		95
9) Naphthalene	10.394	128	5136	0.078	ng		97
10) Hexachlorobutadiene	10.693	225	814	0.075	ng	#	99
12) 2-Methylnaphthalene	12.014	142	3055	0.071	ng		97
16) Acenaphthylene	13.919	152	3823	0.073	ng		100
17) Acenaphthene	14.272	154	2631	0.075	ng		94
18) Fluorene	15.266	166	3218	0.074	ng		98
20) 4,6-Dinitro-2-methylph...	15.341	198	112	0.210	ng	#	1
21) 4-Bromophenyl-phenylether	16.157	248	874	0.077	ng	#	85
22) Hexachlorobenzene	16.269	284	1050	0.082	ng		91
23) Atrazine	16.430	200	834	0.085	ng	#	87
24) Pentachlorophenol	16.617	266	121	0.022	ng	#	89
25) Phenanthrene	16.989	178	5229	0.090	ng		98
26) Anthracene	17.088	178	4436	0.082	ng		99
28) Fluoranthene	19.022	202	5158	0.081	ng		97
30) Pyrene	19.384	202	5012	0.088	ng		100
32) Benzo(a)anthracene	21.131	228	3655	0.084	ng		98
33) Chrysene	21.185	228	4065	0.096	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	2041	0.056	ng	#	95
36) Indeno(1,2,3-cd)pyrene	25.476	276	3755	0.109	ng		93
37) Benzo(b)fluoranthene	22.672	252	3707	0.098	ng	#	69
38) Benzo(k)fluoranthene	22.713	252	3606	0.098	ng	#	68
39) Benzo(a)pyrene	23.222	252	2809	0.090	ng	#	54
40) Dibenzo(a,h)anthracene	25.488	278	2842	0.106	ng	#	84
41) Benzo(g,h,i)perylene	26.125	276	3249	0.112	ng	#	87

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

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