Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020124\
Data File : BN029485.D
Acq On : 01 Feb 2024 14:04
Operator : MA/JU
Sample : P1187-09
Misc : MDL-MDL-WATER-0.1NG
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Feb 01 14:50:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	3953	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	10466	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	4581	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	8233	0.400	ng	#	0.00
29) Chrysene-d12	21.483	240	5288	0.400	ng		0.00
35) Perylene-d12	23.867	264	5376	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3356	0.353	ng		0.00
5) Phenol-d6	7.060	99	4358	0.398	ng		0.00
8) Nitrobenzene-d5	9.057	82	3498	0.401	ng		0.00
11) 2-Methylnaphthalene-d10	12.284	152	7468	0.524	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	457	0.311	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	6972	0.355	ng		0.00
27) Fluoranthene-d10	19.322	212	11189	0.561	ng		0.00
31) Terphenyl-d14	19.931	244	4505	0.343	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	858	0.154	ng		97
3) n-Nitrosodimethylamine	3.723	42	396	0.087	ng	#	83
6) bis(2-Chloroethyl)ether	7.334	93	1201	0.115	ng		98
9) Naphthalene	10.744	128	3336	0.112	ng		96
10) Hexachlorobutadiene	11.021	225	551	0.097	ng	#	100
12) 2-Methylnaphthalene	12.359	142	1763	0.101	ng		97
16) Acenaphthylene	14.254	152	2210	0.102	ng		98
17) Acenaphthene	14.597	154	1366	0.094	ng		94
18) Fluorene	15.580	166	1775	0.097	ng		99
20) 4,6-Dinitro-2-methylph...	15.667	198	92	0.076	ng	#	13
21) 4-Bromophenyl-phenylether	16.486	248	497	0.101	ng	#	84
22) Hexachlorobenzene	16.585	284	591	0.098	ng		98
23) Atrazine	16.759	200	332	0.095	ng	#	78
24) Pentachlorophenol	16.933	266	122	0.064	ng		96
25) Phenanthrene	17.330	178	2488	0.102	ng		99
26) Anthracene	17.417	178	2000	0.096	ng		99
28) Fluoranthene	19.350	202	2354	0.086	ng		96
30) Pyrene	19.712	202	2358	0.097	ng		99
32) Benzo(a)anthracene	21.474	228	1659	0.092	ng		96
33) Chrysene	21.519	228	1826	0.089	ng		97
34) Bis(2-ethylhexyl)phtha...	21.420	149	1689	0.137	ng		96
36) Indeno(1,2,3-cd)pyrene	26.332	276	1988m	0.092	ng		
37) Benzo(b)fluoranthene	23.142	252	1616	0.084	ng	#	61
38) Benzo(k)fluoranthene	23.195	252	1698	0.084	ng	#	53
39) Benzo(a)pyrene	23.759	252	1398m	0.083	ng		
40) Dibenzo(a,h)anthracene	26.364	278	1541m	0.090	ng		
41) Benzo(g,h,i)perylene	27.080	276	1712	0.082	ng	#	81

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

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