Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029443.D
Acq On : 31 Jan 2024 10:33
Operator : MA/JU
Sample : P1187-07
Misc : LOD-MDL-WATER-0.1NG
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Jan 31 11:16:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:38:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	3969	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	10576	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4754	0.400	ng	-0.01
19) Phenanthrene-d10	17.293	188	8871	0.400	ng	# 0.00
29) Chrysene-d12	21.492	240	5668	0.400	ng	# 0.00
35) Perylene-d12	23.873	264	5753	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	3353	0.352	ng	0.00
5) Phenol-d6	7.060	99	4131	0.376	ng	0.00
8) Nitrobenzene-d5	9.057	82	3103	0.352	ng	-0.01
11) 2-Methylnaphthalene-d10	12.287	152	7744	0.538	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	494	0.324	ng	-0.01
15) 2-Fluorobiphenyl	13.164	172	6936	0.340	ng	-0.01
27) Fluoranthene-d10	19.322	212	12205	0.568	ng	0.00
31) Terphenyl-d14	19.931	244	4885	0.347	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	642	0.115	ng	# 90
3) n-Nitrosodimethylamine	3.723	42	335	0.074	ng	91
6) bis(2-Chloroethyl)ether	7.334	93	948	0.090	ng	94
9) Naphthalene	10.744	128	2960	0.098	ng	96
10) Hexachlorobutadiene	11.021	225	527	0.092	ng	# 100
12) 2-Methylnaphthalene	12.363	142	1664	0.094	ng	98
16) Acenaphthylene	14.254	152	2250	0.100	ng	99
17) Acenaphthene	14.597	154	1424	0.094	ng	97
18) Fluorene	15.580	166	1753	0.092	ng	97
20) 4,6-Dinitro-2-methylph...	15.679	198	91	0.070	ng	# 15
21) 4-Bromophenyl-phenylether	16.486	248	509	0.096	ng	89
22) Hexachlorobenzene	16.585	284	637	0.098	ng	99
23) Atrazine	16.759	200	357	0.095	ng	# 86
24) Pentachlorophenol	16.933	266	112	0.055	ng	90
25) Phenanthrene	17.330	178	2570	0.098	ng	99
26) Anthracene	17.417	178	2094	0.094	ng	99
28) Fluoranthene	19.355	202	2515	0.085	ng	98
30) Pyrene	19.717	202	2582	0.099	ng	99
32) Benzo(a)anthracene	21.474	228	1718	0.089	ng	96
33) Chrysene	21.528	228	1950	0.089	ng	94
34) Bis(2-ethylhexyl)phtha...	21.420	149	1471	0.111	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.344	276	1852	0.080	ng	# 74
37) Benzo(b)fluoranthene	23.154	252	1646	0.080	ng	# 63
38) Benzo(k)fluoranthene	23.198	252	1736m	0.081	ng	
39) Benzo(a)pyrene	23.768	252	1468m	0.082	ng	
40) Dibenzo(a,h)anthracene	26.373	278	1481m	0.080	ng	
41) Benzo(g,h,i)perylene	27.089	276	1767m	0.079	ng	

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

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