Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029422.D
Acq On : 30 Jan 2024 21:20
Operator : MA/JU
Sample : 03572-07
Misc : LOD-MDL-WATER-0.1NG
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Jan 31 02:33:29 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	3427	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	9081	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4222	0.400	ng	-0.01
19) Phenanthrene-d10	17.293	188	8229	0.400	ng	0.00
29) Chrysene-d12	21.492	240	5812	0.400	ng	# 0.00
35) Perylene-d12	23.873	264	6295	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	2850	0.346	ng	0.00
5) Phenol-d6	7.067	99	3427	0.361	ng	0.00
8) Nitrobenzene-d5	9.068	82	2628	0.348	ng	0.00
11) 2-Methylnaphthalene-d10	12.291	152	6672	0.540	ng	0.00
14) 2,4,6-Tribromophenol	16.039	330	469	0.346	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	6060	0.334	ng	-0.01
27) Fluoranthene-d10	19.327	212	11509	0.577	ng	0.00
31) Terphenyl-d14	19.935	244	4765	0.330	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	636	0.132	ng	# 92
3) n-Nitrosodimethylamine	3.723	42	306	0.078	ng	# 89
6) bis(2-Chloroethyl)ether	7.342	93	842	0.093	ng	97
9) Naphthalene	10.744	128	2509	0.097	ng	# 92
10) Hexachlorobutadiene	11.021	225	472	0.096	ng	# 100
12) 2-Methylnaphthalene	12.363	142	1398	0.092	ng	# 95
16) Acenaphthylene	14.255	152	1965	0.098	ng	99
17) Acenaphthene	14.597	154	1283	0.095	ng	99
18) Fluorene	15.592	166	1594	0.094	ng	99
20) 4,6-Dinitro-2-methylph...	15.679	198	77	0.064	ng	# 7
21) 4-Bromophenyl-phenylether	16.486	248	459	0.094	ng	93
22) Hexachlorobenzene	16.585	284	588	0.098	ng	99
23) Atrazine	16.771	200	342	0.098	ng	# 85
24) Pentachlorophenol	16.933	266	107	0.056	ng	92
25) Phenanthrene	17.330	178	2442	0.100	ng	99
26) Anthracene	17.429	178	1936	0.093	ng	97
28) Fluoranthene	19.355	202	2542	0.093	ng	99
30) Pyrene	19.717	202	2482	0.093	ng	100
32) Benzo(a)anthracene	21.474	228	1660	0.084	ng	95
33) Chrysene	21.528	228	2046	0.091	ng	96
34) Bis(2-ethylhexyl)phtha...	21.420	149	1449	0.107	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.338	276	2045m	0.081	ng	
37) Benzo(b)fluoranthene	23.154	252	1754	0.078	ng	# 67
38) Benzo(k)fluoranthene	23.201	252	1750	0.074	ng	# 49
39) Benzo(a)pyrene	23.771	252	1616m	0.082	ng	
40) Dibenzo(a,h)anthracene	26.376	278	1557m	0.077	ng	
41) Benzo(g,h,i)perylene	27.092	276	1948m	0.079	ng	

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

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