Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
Data File : BN029454.D
Acq On : 31 Jan 2024 18:10
Operator : MA/JU
Sample : 03572-09
Misc : MDL-MDL-WATER-0.1NG
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2023

Manual Integrations APPROVED

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

Quant Time: Feb 01 01:40:57 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	3501	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	9400	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	4170	0.400	ng		-0.01
19) Phenanthrene-d10	17.293	188	7692	0.400	ng		# 0.00
29) Chrysene-d12	21.492	240	4930	0.400	ng		# 0.00
35) Perylene-d12	23.873	264	4921	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	2979	0.354	ng		0.00
5) Phenol-d6	7.060	99	3814	0.393	ng		0.00
8) Nitrobenzene-d5	9.057	82	3094	0.395	ng		-0.01
11) 2-Methylnaphthalene-d10	12.287	152	6779	0.530	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	434	0.324	ng		-0.01
15) 2-Fluorobiphenyl	13.164	172	6257	0.350	ng		-0.01
27) Fluoranthene-d10	19.322	212	10579	0.568	ng		0.00
31) Terphenyl-d14	19.930	244	4261	0.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	755	0.153	ng		98
3) n-Nitrosodimethylamine	3.723	42	372	0.093	ng	#	94
6) bis(2-Chloroethyl)ether	7.334	93	1031	0.111	ng		99
9) Naphthalene	10.744	128	2892	0.108	ng		95
10) Hexachlorobutadiene	11.021	225	505	0.099	ng	#	96
12) 2-Methylnaphthalene	12.363	142	1549	0.098	ng		97
16) Acenaphthylene	14.254	152	2001	0.101	ng		100
17) Acenaphthene	14.596	154	1291	0.097	ng		100
18) Fluorene	15.580	166	1554	0.093	ng		97
20) 4,6-Dinitro-2-methylph...	15.679	198	73	0.065	ng	#	1
21) 4-Bromophenyl-phenylether	16.486	248	417	0.091	ng		84
22) Hexachlorobenzene	16.585	284	550	0.098	ng		95
23) Atrazine	16.759	200	310	0.095	ng	#	79
24) Pentachlorophenol	16.933	266	89	0.050	ng	#	84
25) Phenanthrene	17.330	178	2354	0.103	ng		97
26) Anthracene	17.417	178	1935	0.100	ng		98
28) Fluoranthene	19.354	202	2238	0.087	ng		98
30) Pyrene	19.717	202	2280	0.100	ng		99
32) Benzo(a)anthracene	21.474	228	1459	0.087	ng		94
33) Chrysene	21.528	228	1783	0.093	ng		97
34) Bis(2-ethylhexyl)phtha...	21.420	149	1207	0.105	ng		99
36) Indeno(1,2,3-cd)pyrene	26.338	276	1772m	0.090	ng		
37) Benzo(b)fluoranthene	23.151	252	1498	0.085	ng	#	60
38) Benzo(k)fluoranthene	23.198	252	1317	0.071	ng	#	51
39) Benzo(a)pyrene	23.771	252	1435m	0.094	ng		
40) Dibenzo(a,h)anthracene	26.373	278	1330m	0.084	ng		
41) Benzo(g,h,i)perylene	27.089	276	1574	0.082	ng	#	80

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

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