Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
Data File : BN029455.D
Acq On : 31 Jan 2024 18:46
Operator : MA/JU
Sample : 03572-09
Misc : MDL-MDL-WATER-0.2NG
ALS Vial : 8 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 01:41:17 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	3377	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	9034	0.400	ng		#-0.01
13) Acenaphthene-d10	14.532	164	4091	0.400	ng		-0.01
19) Phenanthrene-d10	17.280	188	7630	0.400	ng		#-0.01
29) Chrysene-d12	21.492	240	4794	0.400	ng		# 0.00
35) Perylene-d12	23.873	264	4686	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	2865	0.353	ng		0.00
5) Phenol-d6	7.060	99	3372	0.360	ng		0.00
8) Nitrobenzene-d5	9.057	82	2532	0.337	ng		-0.01
11) 2-Methylnaphthalene-d10	12.287	152	6612	0.537	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	416	0.317	ng		-0.01
15) 2-Fluorobiphenyl	13.164	172	6102	0.347	ng		-0.01
27) Fluoranthene-d10	19.322	212	10003	0.541	ng		0.00
31) Terphenyl-d14	19.930	244	4185	0.352	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	937	0.197	ng		99
3) n-Nitrosodimethylamine	3.716	42	602	0.155	ng	#	95
6) bis(2-Chloroethyl)ether	7.334	93	1605	0.180	ng		99
9) Naphthalene	10.744	128	4871	0.189	ng		97
10) Hexachlorobutadiene	11.021	225	934	0.191	ng	#	100
12) 2-Methylnaphthalene	12.363	142	2787	0.184	ng		98
16) Acenaphthylene	14.254	152	3830	0.197	ng		98
17) Acenaphthene	14.596	154	2433	0.187	ng		99
18) Fluorene	15.580	166	3026	0.185	ng		99
20) 4,6-Dinitro-2-methylph...	15.666	198	172	0.153	ng	#	75
21) 4-Bromophenyl-phenylether	16.486	248	824	0.181	ng	#	81
22) Hexachlorobenzene	16.585	284	1068	0.192	ng		97
23) Atrazine	16.759	200	647	0.200	ng	#	92
24) Pentachlorophenol	16.933	266	244	0.138	ng		93
25) Phenanthrene	17.330	178	4354	0.193	ng		99
26) Anthracene	17.417	178	3688	0.192	ng		99
28) Fluoranthene	19.350	202	4346	0.171	ng		98
30) Pyrene	19.717	202	4394	0.199	ng		100
32) Benzo(a)anthracene	21.474	228	3075	0.188	ng		98
33) Chrysene	21.528	228	3564	0.191	ng		98
34) Bis(2-ethylhexyl)phtha...	21.420	149	2151	0.193	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.335	276	3338	0.177	ng	#	81
37) Benzo(b)fluoranthene	23.145	252	3143	0.188	ng	#	86
38) Benzo(k)fluoranthene	23.195	252	2992	0.171	ng	#	81
39) Benzo(a)pyrene	23.765	252	2524	0.173	ng	#	80
40) Dibenzo(a,h)anthracene	26.367	278	2731m	0.182	ng		
41) Benzo(g,h,i)perylene	27.083	276	3141	0.172	ng		94

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

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