Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042524\
Data File : BN031233.D
Acq On : 25 Apr 2024 23:09
Operator : MA/JU
Sample : PB160504BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160504BSD

Quant Time: Apr 25 23:46:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 25 18:00:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.632	152	7649	0.400	ng		0.00
7) Naphthalene-d8	10.400	136	22849	0.400	ng		#-0.01
13) Acenaphthene-d10	14.274	164	12448	0.400	ng		0.00
19) Phenanthrene-d10	17.016	188	26925	0.400	ng		#-0.01
29) Chrysene-d12	21.220	240	15870	0.400	ng		#-0.02
35) Perylene-d12	23.437	264	6442	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.234	112	7522	0.441	ng		0.00
5) Phenol-d6	6.808	99	9253	0.448	ng		0.00
8) Nitrobenzene-d5	8.777	82	6053	0.383	ng		0.00
11) 2-Methylnaphthalene-d10	12.002	152	11890	0.338	ng		0.00
14) 2,4,6-Tribromophenol	15.775	330	2062	0.427	ng		0.00
15) 2-Fluorobiphenyl	12.884	172	17140	0.410	ng		-0.01
27) Fluoranthene-d10	19.058	212	21138	0.291	ng		0.00
31) Terphenyl-d14	19.667	244	15352	0.417	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	2465	0.262	ng	#	64
3) n-Nitrosodimethylamine	3.493	42	3223	0.366	ng	#	97
6) bis(2-Chloroethyl)ether	7.061	93	7702	0.377	ng		94
9) Naphthalene	10.453	128	21818	0.346	ng		99
10) Hexachlorobutadiene	10.731	225	4184	0.331	ng	#	100
12) 2-Methylnaphthalene	12.077	142	14261	0.340	ng		98
16) Acenaphthylene	13.985	152	20880	0.381	ng		99
17) Acenaphthene	14.338	154	12958	0.335	ng		98
18) Fluorene	15.322	166	17076	0.333	ng		100
20) 4,6-Dinitro-2-methylph...	15.418	198	1379	0.439	ng	#	82
21) 4-Bromophenyl-phenylether	16.222	248	5432	0.340	ng	#	78
22) Hexachlorobenzene	16.321	284	6222	0.333	ng		97
24) Pentachlorophenol	16.681	266	6196	0.945	ng		99
25) Phenanthrene	17.066	178	26414	0.332	ng		100
26) Anthracene	17.153	178	23186	0.353	ng		100
28) Fluoranthene	19.091	202	26592	0.279	ng		100
30) Pyrene	19.458	202	24197	0.393	ng		100
32) Benzo(a)anthracene	21.211	228	21188	0.383	ng		98
33) Chrysene	21.256	228	20741	0.345	ng		98
34) Bis(2-ethylhexyl)phtha...	21.139	149	15393	0.608	ng		99
36) Indeno(1,2,3-cd)pyrene	25.659	276	17364	0.580	ng		99
37) Benzo(b)fluoranthene	22.771	252	19281	0.725	ng	#	94
38) Benzo(k)fluoranthene	22.815	252	16809	0.646	ng	#	92
39) Benzo(a)pyrene	23.338	252	11161	0.504	ng	#	84
40) Dibenzo(a,h)anthracene	25.677	278	17001	0.709	ng		94
41) Benzo(g,h,i)perylene	26.343	276	13796	0.522	ng		94

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

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