Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081723\
Data File : BN026946.D
Acq On : 17 Aug 2023 17:27
Operator : MA/JU
Sample : 04024-12MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE114D1-20230815MS

Quant Time: Aug 18 03:18:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 15:56:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	6572	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	17507	0.400	ng		0.00
13) Acenaphthene-d10	14.726	164	11511	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	25564	0.400	ng		0.00
29) Chrysene-d12	21.650	240	18061	0.400	ng		0.00
35) Perylene-d12	24.197	264	16419	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	2843	0.153	ng		0.00
5) Phenol-d6	7.235	99	2087	0.091	ng		0.00
8) Nitrobenzene-d5	9.294	82	4167	0.282	ng		0.00
11) 2-Methylnaphthalene-d10	12.506	152	10632m	0.382	ng		0.00
14) 2,4,6-Tribromophenol	16.214	330	1802	0.294	ng		0.00
15) 2-Fluorobiphenyl	13.357	172	14854	0.348	ng		0.00
27) Fluoranthene-d10	19.495	212	27519	0.420	ng		0.00
31) Terphenyl-d14	20.080	244	22350	0.592	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	28021	3.965	ng		95
3) n-Nitrosodimethylamine	3.819	42	1235	0.157	ng	#	94
6) bis(2-Chloroethyl)ether	7.531	93	8007	0.416	ng		98
9) Naphthalene	10.981	128	16972	0.369	ng		99
10) Hexachlorobutadiene	11.216	225	3347	0.355	ng	#	98
12) 2-Methylnaphthalene	12.577	142	11966	0.332	ng		100
16) Acenaphthylene	14.459	152	19656	0.358	ng		100
17) Acenaphthene	14.790	154	12608	0.372	ng		99
18) Fluorene	15.767	166	17334	0.380	ng		98
20) 4,6-Dinitro-2-methylph...	16.921	198	163	0.407	ng	#	67
21) 4-Bromophenyl-phenylether	16.661	248	5302	0.363	ng	#	85
22) Hexachlorobenzene	16.748	284	6850	0.439	ng		99
23) Atrazine	16.921	200	4741	0.365	ng	#	93
24) Pentachlorophenol	17.095	266	5378	0.683	ng		99
25) Phenanthrene	17.517	178	31523	0.429	ng		100
26) Anthracene	17.604	178	25891	0.378	ng		100
28) Fluoranthene	19.523	202	38637	0.444	ng		99
30) Pyrene	19.890	202	40398	0.581	ng		100
32) Benzo(a)anthracene	21.632	228	29133	0.447	ng		99
33) Chrysene	21.685	228	30822	0.468	ng		100
34) Bis(2-ethylhexyl)phtha...	21.524	149	21644	0.461	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.893	276	24530	0.365	ng		100
37) Benzo(b)fluoranthene	23.408	252	28065	0.511	ng	#	95
38) Benzo(k)fluoranthene	23.458	252	26231	0.464	ng	#	95
39) Benzo(a)pyrene	24.083	252	22290	0.405	ng	#	91
40) Dibenzo(a,h)anthracene	26.922	278	18565	0.347	ng		95
41) Benzo(g,h,i)perylene	27.723	276	22661	0.393	ng		97

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

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