Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102820\
Data File : BN012422.D
Acq On : 28 Oct 2020 15:22
Operator : CG/JU
Sample : L4523-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CS-42MS

Quant Time: Oct 28 15:54:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.578	152	821	0.40	ng		0.00
7) Naphthalene-d8	10.351	136	3329	0.40	ng		0.00
13) Acenaphthene-d10	14.217	164	1725	0.40	ng		0.00
19) Phenanthrene-d10	16.968	188	3629	0.40	ng	#	0.00
29) Chrysene-d12	21.174	240	3793	0.40	ng	#	0.00
36) Perylene-d12	23.350	264	2923	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.194	112	867	0.30	ng		0.00
5) Phenol-d6	6.757	99	1117	0.33	ng		0.00
8) Nitrobenzene-d5	8.729	82	1411	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.949	152	2459	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.727	330	378	0.31	ng		0.00
15) 2-Fluorobiphenyl	12.834	172	2674	0.42	ng		-0.01
27) Fluoranthene-d10	19.008	212	3446	0.31	ng		0.00
31) Terphenyl-d14	19.618	244	3884	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.165	88	452	0.34	ng	#	60
3) n-Nitrosodimethylamine	3.479	42	1121	0.35	ng	#	62
6) bis(2-Chloroethyl)ether	7.014	93	781	0.34	ng		88
9) Naphthalene	10.389	128	3017	0.32	ng		96
10) Hexachlorobutadiene	10.681	225	577	0.29	ng	#	98
12) 2-Methylnaphthalene	12.020	142	1947	0.32	ng	#	90
16) Acenaphthylene	13.938	152	2485	0.29	ng		100
17) Acenaphthene	14.281	154	1717	0.32	ng		87
18) Fluorene	15.270	166	2235	0.32	ng		98
20) 4,6-Dinitro-2-methylph...	15.384	198	282	0.33	ng	#	34
21) 4-Bromophenyl-phenylether	16.165	248	659	0.30	ng	#	70
22) Hexachlorobenzene	16.274	284	835	0.31	ng	#	86
23) Atrazine	16.445	200	278	0.13	ng	#	78
24) Pentachlorophenol	16.627	266	1303	1.05	ng		99
25) Phenanthrene	17.005	178	3403	0.32	ng		99
26) Anthracene	17.102	178	3041	0.31	ng		99
28) Fluoranthene	19.042	202	4050	0.32	ng		99
30) Pyrene	19.405	202	3876	0.30	ng		98
32) Benzo(a)anthracene	21.163	228	3801	0.33	ng		97
33) Chrysene	21.216	228	4201	0.32	ng		98
34) Bis(2-ethylhexyl)phtha...	21.099	149	3057	0.40	ng	#	90
35) Indeno(1,2,3-cd)pyrene	25.510	276	5821	0.31	ng		98
37) Benzo(b)fluoranthene	22.703	252	4715	0.51	ng	#	79
38) Benzo(k)fluoranthene	22.744	252	4722	0.47	ng	#	82
39) Benzo(a)pyrene	23.258	252	3701	0.41	ng	#	69
40) Dibenzo(a,h)anthracene	25.524	278	5071	0.50	ng	#	89
41) Benzo(g,h,i)perylene	26.164	276	5169	0.49	ng	#	94

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

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