Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
Data File : BN005003.D
Acq On : 27 Mar 2019 20:27
Operator : JU/SJ
Sample : PB118322BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB118322BS

Quant Time: Mar 28 04:51:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	9267	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	36917	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	19383	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	37599	20.00	ng	0.00
76) Chrysene-d12	21.27	240	30481	20.00	ng	0.00
87) Perylene-d12	23.50	264	27952	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	69155	129.02	ng	0.00
7) Phenol-d6	6.86	99	86104	121.12	ng	0.00
23) Nitrobenzene-d5	8.84	82	46724	76.56	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	37233	119.10	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	118612	81.09	ng	0.00
79) Terphenyl-d14	19.70	244	135781	85.76	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	10550	54.011	ng	# 92
3) Pyridine	3.60	79	19942	36.533	ng	100
4) n-Nitrosodimethylamine	3.52	42	7032	39.516	ng	94
6) Aniline	7.02	93	29307	32.372	ng	100
8) 2-Chlorophenol	7.25	128	27019	39.709	ng	99
9) Benzaldehyde	6.83	77	7498	18.354	ng	97
10) Phenol	6.88	94	30250	39.709	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	22052	37.434	ng	98
12) 1,3-Dichlorobenzene	7.56	146	28505	38.450	ng	99
13) 1,4-Dichlorobenzene	7.71	146	29134	38.824	ng	99
14) 1,2-Dichlorobenzene	8.02	146	27782	38.686	ng	99
15) Benzyl Alcohol	7.92	79	20025	37.024	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	26427	37.182	ng	100
17) 2-Methylphenol	8.12	107	21233	39.981	ng	98
18) Hexachloroethane	8.73	117	10035	37.729	ng	99
19) n-Nitroso-di-n-propylamine	8.48	70	16647	35.719	ng	99
20) 3+4-Methylphenols	8.45	107	27943	38.752	ng	100
22) Acetophenone	8.50	105	35810	42.493	ng	100
24) Nitrobenzene	8.88	77	25224	40.840	ng	99
25) Isophorone	9.39	82	45744	38.476	ng	100
26) 2-Nitrophenol	9.59	139	14234	39.691	ng	98
27) 2,4-Dimethylphenol	9.64	122	23626	47.319	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	29466	40.001	ng	99
29) 2,4-Dichlorophenol	10.12	162	24226	42.217	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	26692	42.226	ng	100
31) Naphthalene	10.51	128	79358	41.201	ng	100
32) Benzoic acid	9.80	122	12122	32.218	ng	99
33) 4-Chloroaniline	10.63	127	14467	18.461	ng	99
34) Hexachlorobutadiene	10.78	225	16604	40.595	ng	99
35) Caprolactam	11.42	113	6300	33.529	ng	99
36) 4-Chloro-3-methylphenol	11.76	107	23926	38.596	ng	99
37) 2-Methylnaphthalene	12.13	142	56037	41.200	ng	99
38) 1-Methylnaphthalene	12.35	142	53310	40.056	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	30079	43.752	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	42631	107.920	ng		98
43) 2,4,6-Trichlorophenol	12.75	196	18699	43.834	ng		99
44) 2,4,5-Trichlorophenol	12.82	196	19597	42.168	ng		98
46) 1,1'-Biphenyl	13.15	154	70587	43.028	ng		100
47) 2-Chloronaphthalene	13.19	162	54595	43.367	ng		98
48) 2-Nitroaniline	13.42	65	13028	38.876	ng		98
49) Acenaphthylene	14.05	152	85678	40.464	ng		100
50) Dimethylphthalate	13.78	163	64120	40.265	ng		100
51) 2,6-Dinitrotoluene	13.92	165	14298	39.458	ng		96
52) Acenaphthene	14.39	154	49669	41.700	ng		99
53) 3-Nitroaniline	14.25	138	7456	20.132	ng		99
54) 2,4-Dinitrophenol	14.46	184	15044	70.545	ng		99
55) Dibenzofuran	14.72	168	78613	41.477	ng		99
56) 4-Nitrophenol	14.56	139	20546	70.420	ng		96
57) 2,4-Dinitrotoluene	14.70	165	18743	38.061	ng		99
58) Fluorene	15.37	166	61490	40.161	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	17559	40.750	ng	#	100
60) Diethylphthalate	15.15	149	61500	38.702	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	32619	41.298	ng		100
62) 4-Nitroaniline	15.42	138	11963	32.149	ng		98
63) Azobenzene	15.66	77	51827	39.180	ng		99
65) 4,6-Dinitro-2-methylphenol	15.47	198	9644	38.804	ng		99
66) n-Nitrosodiphenylamine	15.59	169	52443	44.280	ng		100
67) 4-Bromophenyl-phenylether	16.26	248	20439	43.562	ng		99
68) Hexachlorobenzene	16.37	284	23888	43.456	ng		100
69) Atrazine	16.54	200	17007	40.193	ng		100
70) Pentachlorophenol	16.72	266	22841	79.029	ng		98
71) Phenanthrene	17.12	178	87937	41.624	ng		99
72) Anthracene	17.20	178	89535	42.578	ng		99
73) Carbazole	17.48	167	74855	39.108	ng		99
74) Di-n-butylphthalate	18.03	149	89800	38.514	ng		100
75) Fluoranthene	19.13	202	89641	37.193	ng		99
77) Benzidine	19.33	184	38209	40.223	ng		100
78) Pyrene	19.50	202	90364	44.399	ng		99
80) Butylbenzylphthalate	20.40	149	33217	40.166	ng		99
81) Benzo(a)anthracene	21.25	228	76808	40.454	ng		99
82) 3,3'-Dichlorobenzidine	21.19	252	16664	23.471	ng		99
83) Chrysene	21.30	228	72887	40.191	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	44961	39.293	ng		99
85) Di-n-octyl phthalate	22.05	149	72993	39.528	ng		99
86) Indeno(1,2,3-cd)pyrene	25.76	276	81961	39.781	ng		100
88) Benzo(b)fluoranthene	22.83	252	74987	43.584	ng		99
89) Benzo(k)fluoranthene	22.87	252	69276	43.908	ng		99
90) Benzo(a)pyrene	23.41	252	69077	43.874	ng		99
91) Dibenzo(a,h)anthracene	25.77	278	68913	43.598	ng		99
92) Benzo(g,h,i)perylene	26.46	276	68379	43.743	ng		99

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

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