Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
Data File : BN005107.D
Acq On : 04 Apr 2019 23:25
Operator : JU/SJ
Sample : K2240-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SB-01-(0-2)MSD

Quant Time: Apr 05 04:18:51 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	7.65	152	8354	20.00	ng		-0.02
21) Naphthalene-d8	10.43	136	35473	20.00	ng		-0.03
39) Acenaphthene-d10	14.30	164	20227	20.00	ng		-0.02
64) Phenanthrene-d10	17.05	188	43518	20.00	ng		-0.02
76) Chrysene-d12	21.25	240	40766	20.00	ng		-0.02
87) Perylene-d12	23.47	264	38541	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	52683	109.03	ng		-0.02
7) Phenol-d6	6.83	99	70154	109.46	ng		-0.02
23) Nitrobenzene-d5	8.82	82	39688	67.68	ng		-0.03
42) 2,4,6-Tribromophenol	15.80	330	38125	116.87	ng		-0.02
45) 2-Fluorobiphenyl	12.92	172	111112	72.79	ng		-0.02
79) Terphenyl-d14	19.69	244	159368	75.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	4474	25.408	ng	#	97
3) Pyridine	3.57	79	11807	23.994	ng		98
4) n-Nitrosodimethylamine	3.50	42	4352	27.129	ng	#	98
6) Aniline	6.99	93	18259	22.373	ng		98
8) 2-Chlorophenol	7.22	128	20490	33.404	ng		99
9) Benzaldehyde	6.80	77	9289	25.223	ng		99
10) Phenol	6.86	94	23193	33.773	ng		100
11) bis(2-Chloroethyl)ether	7.09	93	16284	30.663	ng		99
12) 1,3-Dichlorobenzene	7.53	146	20632	30.872	ng		99
13) 1,4-Dichlorobenzene	7.69	146	21050	31.117	ng		98
14) 1,2-Dichlorobenzene	8.00	146	20555	31.750	ng		100
15) Benzyl Alcohol	7.90	79	15337	31.455	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.17	45	18610	29.046	ng		99
17) 2-Methylphenol	8.10	107	16440	34.339	ng		98
18) Hexachloroethane	8.71	117	7068	29.478	ng		99
19) n-Nitroso-di-n-propylamine	8.46	70	12899	30.702	ng		97
20) 3+4-Methylphenols	8.42	107	21902	33.694	ng		98
22) Acetophenone	8.48	105	27630	34.121	ng		99
24) Nitrobenzene	8.86	77	18889	31.828	ng		99
25) Isophorone	9.37	82	36599	32.037	ng		100
26) 2-Nitrophenol	9.56	139	11244	32.630	ng		96
27) 2,4-Dimethylphenol	9.62	122	18528	38.619	ng		99
28) bis(2-Chloroethoxy)methane	9.86	93	22979	32.465	ng		100
29) 2,4-Dichlorophenol	10.09	162	19810	35.927	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	20900	34.409	ng		100
31) Naphthalene	10.49	128	62349	33.688	ng		99
33) 4-Chloroaniline	10.61	127	8790	11.673	ng		98
34) Hexachlorobutadiene	10.75	225	13043	33.187	ng		99
35) Caprolactam	11.39	113	5415	29.992	ng		95
36) 4-Chloro-3-methylphenol	11.74	107	20235	33.971	ng		99
37) 2-Methylnaphthalene	12.10	142	45941	35.152	ng		99
38) 1-Methylnaphthalene	12.33	142	43624	34.112	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	24937	34.759	ng		100
41) Hexachlorocyclopentadiene	12.44	237	25907	64.722	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.72	196	16122	36.216	ng		99
44) 2,4,5-Trichlorophenol	12.80	196	17054	35.165	ng		100
46) 1,1'-Biphenyl	13.13	154	59252	34.611	ng		99
47) 2-Chloronaphthalene	13.18	162	45491	34.628	ng		98
48) 2-Nitroaniline	13.39	65	11057	31.618	ng		95
49) Acenaphthylene	14.02	152	72929	33.006	ng		99
50) Dimethylphthalate	13.77	163	70375	42.349	ng		99
51) 2,6-Dinitrotoluene	13.90	165	12721	33.641	ng		92
52) Acenaphthene	14.36	154	42653	34.315	ng		98
53) 3-Nitroaniline	14.23	138	6630	17.155	ng		95
54) 2,4-Dinitrophenol	14.44	184	7895	39.060	ng		97
55) Dibenzofuran	14.70	168	67985	34.373	ng		99
56) 4-Nitrophenol	14.55	139	18395	60.417	ng		98
57) 2,4-Dinitrotoluene	14.69	165	17518	34.089	ng		96
58) Fluorene	15.35	166	54618	34.185	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.93	232	16050	35.694	ng	#	99
60) Diethylphthalate	15.13	149	57417	34.625	ng		100
61) 4-Chlorophenyl-phenylether	15.35	204	29151	35.367	ng		97
62) 4-Nitroaniline	15.40	138	11142	28.693	ng		99
63) Azobenzene	15.64	77	44240	32.049	ng		98
65) 4,6-Dinitro-2-methylphenol	15.45	198	6342	23.405	ng		95
66) n-Nitrosodiphenylamine	15.57	169	48557	35.422	ng		99
67) 4-Bromophenyl-phenylether	16.24	248	19127	35.221	ng		97
68) Hexachlorobenzene	16.35	284	22394	35.198	ng		97
69) Atrazine	16.52	200	16826	34.357	ng		100
70) Pentachlorophenol	16.70	266	22353	66.822	ng		98
71) Phenanthrene	17.09	178	82889	33.899	ng		99
72) Anthracene	17.19	178	85949	35.314	ng		99
73) Carbazole	17.46	167	74704	33.721	ng		99
74) Di-n-butylphthalate	18.02	149	96220	35.654	ng		99
75) Fluoranthene	19.12	202	93362	33.468	ng		99
77) Benzidine	19.32	184	24434	19.232	ng		99
78) Pyrene	19.48	202	93363	34.299	ng		99
80) Butylbenzylphthalate	20.38	149	39844	36.024	ng		100
81) Benzo(a)anthracene	21.23	228	81561	32.119	ng		99
82) 3,3'-Dichlorobenzidine	21.17	252	19889	20.946	ng		100
83) Chrysene	21.29	228	79014	32.577	ng		99
84) Bis(2-ethylhexyl)phthalate	21.15	149	57005	37.250	ng		100
85) Di-n-octyl phthalate	22.03	149	90269	36.551	ng		98
86) Indeno(1,2,3-cd)pyrene	25.72	276	93871	34.066	ng		99
88) Benzo(b)fluoranthene	22.81	252	78459	33.073	ng		99
89) Benzo(k)fluoranthene	22.85	252	77667	35.701	ng		99
90) Benzo(a)pyrene	23.38	252	74756	34.436	ng		100
91) Dibenzo(a,h)anthracene	25.73	278	79385	36.425	ng		99
92) Benzo(g,h,i)perylene	26.41	276	78553	36.445	ng		99

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

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