Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041719\
Data File : BM019939.D
Acq On : 17 Apr 2019 15:35
Operator : JU/SJ
Sample : K2203-10MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-01-041519-AMS

Quant Time: Apr 17 18:01:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 16:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	170643	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	634712	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	304713	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	566590	20.00	ng		0.00
76) Chrysene-d12	21.17	240	516499	20.00	ng		0.00
87) Perylene-d12	23.37	264	698136	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1095835	104.07	ng		0.00
7) Phenol-d6	6.73	99	1314392	82.95	ng		0.00
23) Nitrobenzene-d5	8.70	82	1063617	74.94	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	470249	95.87	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	1911522	78.18	ng		0.00
79) Terphenyl-d14	19.60	244	2103157	71.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	151185	33.273	ng	#	66
3) Pyridine	3.54	79	345726	27.169	ng		99
4) n-Nitrosodimethylamine	3.45	42	142345	34.725	ng	#	94
6) Aniline	6.89	93	98417	4.809	ng		96
8) 2-Chlorophenol	7.10	128	437075	33.375	ng		99
9) Benzaldehyde	6.70	77	165622	15.056	ng		96
10) Phenol	6.75	94	471580	27.238	ng		98
11) bis(2-Chloroethyl)ether	6.98	93	423849	33.460	ng		99
12) 1,3-Dichlorobenzene	7.42	146	442729	32.202	ng		99
13) 1,4-Dichlorobenzene	7.56	146	457258	32.780	ng		99
14) 1,2-Dichlorobenzene	7.87	146	443840	32.090	ng		99
15) Benzyl Alcohol	7.79	79	433621	30.100	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.06	45	378127	31.313	ng		98
17) 2-Methylphenol	7.99	107	344751	30.086	ng		99
18) Hexachloroethane	8.57	117	168340	31.047	ng		98
19) n-Nitroso-di-n-propylamine	8.35	70	389590	27.968	ng		99
20) 3+4-Methylphenols	8.32	107	447609	28.436	ng		99
22) Acetophenone	8.36	105	674035	38.989	ng	#	100
24) Nitrobenzene	8.75	77	558871	38.012	ng		100
25) Isophorone	9.26	82	934118	33.811	ng		99
26) 2-Nitrophenol	9.45	139	224205	35.785	ng		99
27) 2,4-Dimethylphenol	9.50	122	352049	39.740	ng		99
28) bis(2-Chloroethoxy)methane	9.74	93	540558	34.941	ng		99
29) 2,4-Dichlorophenol	9.98	162	358928	35.674	ng		97
30) 1,2,4-Trichlorobenzene	10.17	180	412646	38.106	ng		99
31) Naphthalene	10.36	128	1268297	37.254	ng		99
32) Benzoic acid	9.69	122	134869	19.527	ng		98
33) 4-Chloroaniline	10.52	127	35600	2.538	ng		97
34) Hexachlorobutadiene	10.61	225	233452	36.553	ng		97
35) Caprolactam	11.33	113	71682m	18.822	ng		
36) 4-Chloro-3-methylphenol	11.63	107	382712	30.613	ng		100
37) 2-Methylnaphthalene	11.98	142	871795	35.174	ng		99
38) 1-Methylnaphthalene	12.20	142	820177	33.515	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	398919	42.437	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	244062	74.306	ng	99
43) 2,4,6-Trichlorophenol	12.62	196	257537	40.410	ng	99
44) 2,4,5-Trichlorophenol	12.70	196	251171	37.867	ng	99
46) 1,1'-Biphenyl	13.02	154	1076093	40.773	ng	99
47) 2-Chloronaphthalene	13.06	162	819437	40.705	ng	99
48) 2-Nitroaniline	13.30	65	254384	35.057	ng	99
49) Acenaphthylene	13.92	152	1283252	36.636	ng	99
50) Dimethylphthalate	13.67	163	969611	36.075	ng	100
51) 2,6-Dinitrotoluene	13.80	165	205508	34.577	ng	89
52) Acenaphthene	14.26	154	734192	37.804	ng	100
53) 3-Nitroaniline	14.16	138	28894	4.869	ng	98
54) 2,4-Dinitrophenol	14.38	184	96044	32.010	ng	98
55) Dibenzofuran	14.60	168	1169991	36.841	ng	99
56) 4-Nitrophenol	14.48	139	219324	49.265	ng	98
57) 2,4-Dinitrotoluene	14.61	165	279232	32.684	ng	99
58) Fluorene	15.25	166	920719	34.215	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.84	232	214698	35.474	ng	99
60) Diethylphthalate	15.03	149	971830	34.766	ng	100
61) 4-Chlorophenyl-phenylether	15.24	204	460496	35.542	ng	94
62) 4-Nitroaniline	15.33	138	134238	22.958	ng	98
63) Azobenzene	15.54	77	1050884	35.174	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	76668	21.208	ng	95
66) n-Nitrosodiphenylamine	15.47	169	761078	41.088	ng	100
67) 4-Bromophenyl-phenylether	16.14	248	257585	39.542	ng	98
68) Hexachlorobenzene	16.25	284	303630	38.846	ng	99
69) Atrazine	16.44	200	238169	37.876	ng	99
70) Pentachlorophenol	16.62	266	280418	70.216	ng	98
71) Phenanthrene	17.00	178	1247834	37.112	ng	99
72) Anthracene	17.09	178	1260357	37.657	ng	100
73) Carbazole	17.38	167	1111822	35.580	ng	100
74) Di-n-butylphthalate	17.93	149	1483733	36.155	ng	100
75) Fluoranthene	19.03	202	1307222	33.783	ng	99
77) Benzidine	19.24	184	225526	15.825	ng	98
78) Pyrene	19.40	202	1341573	39.223	ng	100
80) Butylbenzylphthalate	20.30	149	649219	39.150	ng	99
81) Benzo(a)anthracene	21.16	228	1330308	40.659	ng	100
82) 3,3'-Dichlorobenzidine	21.10	252	235932	19.381	ng	97
83) Chrysene	21.21	228	1317848	42.000	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	969921	39.288	ng	100
85) Di-n-octyl phthalate	21.94	149	1765166	44.065	ng	100
86) Indeno(1,2,3-cd)pyrene	25.58	276	2259908	73.214	ng	100
88) Benzo(b)fluoranthene	22.71	252	1683832	36.323	ng	99
89) Benzo(k)fluoranthene	22.76	252	1607660	36.837	ng	99
90) Benzo(a)pyrene	23.27	252	1643097	40.002	ng	98
91) Dibenzo(a,h)anthracene	25.58	278	1936403	48.897	ng	97
92) Benzo(g,h,i)perylene	26.26	276	1838559	51.258	ng	99

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

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