Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000862.D
Acq On : 18 Oct 2019 02:40
Operator : JU
Sample : K5401-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR200031-RT4221MS

Quant Time: Oct 18 08:11:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 08:05:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	213800	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	725476	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	383521	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	677304	20.00	ng		0.00
76) Chrysene-d12	13.97	240	536805	20.00	ng		0.00
87) Perylene-d12	15.45	264	628039	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1284171	96.55	ng		0.01
7) Phenol-d6	6.40	99	1585654	98.93	ng		0.00
23) Nitrobenzene-d5	7.32	82	893345	75.21	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	455241	111.39	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	1807614	76.26	ng		0.00
79) Terphenyl-d14	12.90	244	1849163	69.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	152392	28.692	ng		99
3) Pyridine	3.25	79	380848	26.244	ng		100
4) n-Nitrosodimethylamine	3.18	42	129089	31.612	ng		98
6) Aniline	6.41	93	286133	14.695	ng	#	1
8) 2-Chlorophenol	6.54	128	451143	34.368	ng		99
9) Benzaldehyde	6.30	77	231614	27.743	ng		96
10) Phenol	6.41	94	534881	32.594	ng		94
11) bis(2-Chloroethyl)ether	6.49	93	415420	32.903	ng		97
12) 1,3-Dichlorobenzene	6.69	146	523366	32.891	ng		98
13) 1,4-Dichlorobenzene	6.77	146	530471	33.130	ng		98
14) 1,2-Dichlorobenzene	6.92	146	484882	32.800	ng		100
15) Benzyl Alcohol	6.89	79	343370	33.173	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	355624	30.536	ng		87
17) 2-Methylphenol	7.02	107	358938	33.087	ng		95
18) Hexachloroethane	7.26	117	176508	30.974	ng		95
19) n-Nitroso-di-n-propylamine	7.16	70	249371	33.754	ng		99
20) 3+4-Methylphenols	7.17	107	460978	36.315	ng	#	64
22) Acetophenone	7.16	105	613181	36.579	ng		96
24) Nitrobenzene	7.33	77	412820	36.034	ng		98
25) Isophorone	7.57	82	755120	35.819	ng		97
26) 2-Nitrophenol	7.65	139	226926	37.666	ng		97
27) 2,4-Dimethylphenol	7.69	122	386774	41.881	ng		97
28) bis(2-Chloroethoxy)methane	7.78	93	511041	35.670	ng		99
29) 2,4-Dichlorophenol	7.90	162	395727	37.897	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	450596	36.743	ng		99
31) Naphthalene	8.06	128	1276709	37.681	ng		99
32) Benzoic acid	7.82	122	170470	29.233	ng		97
33) 4-Chloroaniline	8.10	127	169352	11.384	ng		99
34) Hexachlorobutadiene	8.18	225	274779	37.076	ng		100
35) Caprolactam	8.47	113	118093	33.765	ng		95
36) 4-Chloro-3-methylphenol	8.60	107	373866	36.556	ng		97
37) 2-Methylnaphthalene	8.75	142	869149	38.212	ng		99
38) 1-Methylnaphthalene	8.85	142	798152	37.138	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	453578	37.365	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	117672	29.306 ng	99
43) 2,4,6-Trichlorophenol	9.04	196	270197	36.159 ng	99
44) 2,4,5-Trichlorophenol	9.08	196	283501	36.746 ng	99
46) 1,1'-Biphenyl	9.22	154	1057603	36.533 ng	98
47) 2-Chloronaphthalene	9.24	162	821806	36.712 ng	98
48) 2-Nitroaniline	9.34	65	183984	33.949 ng	90
49) Acenaphthylene	9.66	152	1266790	37.509 ng	99
50) Dimethylphthalate	9.52	163	1281614	48.093 ng	100
51) 2,6-Dinitrotoluene	9.58	165	211810	36.448 ng	94
52) Acenaphthene	9.83	154	739332	36.089 ng	99
53) 3-Nitroaniline	9.75	138	122025	18.325 ng	93
54) 2,4-Dinitrophenol	9.87	184	34003	17.535 ng	96
55) Dibenzofuran	10.00	168	1142470	37.306 ng	99
56) 4-Nitrophenol	9.93	139	253065	59.527 ng	92
57) 2,4-Dinitrotoluene	9.99	165	269938	35.033 ng	98
58) Fluorene	10.35	166	868039	39.771 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.13	232	233711	35.834 ng	96
60) Diethylphthalate	10.23	149	923248	36.496 ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	458409	39.057 ng	99
62) 4-Nitroaniline	10.37	138	187933	29.345 ng	99
63) Azobenzene	10.50	77	723626	37.258 ng	97
65) 4,6-Dinitro-2-methylphenol	10.41	198	39727	13.232 ng	91
66) n-Nitrosodiphenylamine	10.46	169	781539	39.619 ng	98
67) 4-Bromophenyl-phenylether	10.84	248	291908	38.287 ng	98
68) Hexachlorobenzene	10.91	284	315191	36.379 ng	97
69) Atrazine	11.00	200	241350	37.282 ng	99
70) Pentachlorophenol	11.11	266	245298	70.491 ng	97
71) Phenanthrene	11.32	178	1346919	39.597 ng	100
72) Anthracene	11.37	178	1316033	39.019 ng	100
73) Carbazole	11.53	167	1163152	37.203 ng	99
74) Di-n-butylphthalate	11.87	149	1433838	37.647 ng	100
75) Fluoranthene	12.53	202	1597912	41.826 ng	98
77) Benzidine	12.65	184	755538	48.605 ng	99
78) Pyrene	12.76	202	1597853	43.158 ng	99
80) Butylbenzylphthalate	13.39	149	600692	37.233 ng	97
81) Benzo(a)anthracene	13.96	228	1291488	39.431 ng	97
82) 3,3'-Dichlorobenzidine	13.92	252	461986	35.511 ng	99
83) Chrysene	14.00	228	1257556	39.119 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	808222	39.833 ng	99
85) Di-n-octyl phthalate	14.58	149	1466703	39.881 ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1385306	34.498 ng	98
88) Benzo(b)fluoranthene	15.03	252	1388346	38.965 ng	98
89) Benzo(k)fluoranthene	15.06	252	1260028	37.145 ng	98
90) Benzo(a)pyrene	15.39	252	1300011	39.140 ng	99
91) Dibenzo(a,h)anthracene	16.95	278	1141626	35.439 ng	96
92) Benzo(g,h,i)perylene	17.38	276	1120455	34.230 ng	97

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

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