Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000891.D
Acq On : 18 Oct 2019 21:27
Operator : JU
Sample : K5420-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1MS

Quant Time: Oct 19 02:20:41 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 16:40:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	151142	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	539383	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	297304	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	555636	20.00	ng		0.00
76) Chrysene-d12	13.97	240	463856	20.00	ng		0.00
87) Perylene-d12	15.44	264	552303	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	989920	105.28	ng		0.00
7) Phenol-d6	6.39	99	1241915	109.61	ng		0.00
23) Nitrobenzene-d5	7.30	82	703301	79.64	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	419276	132.34	ng		0.00
45) 2-Fluorobiphenyl	9.11	172	1554033	84.57	ng		0.00
79) Terphenyl-d14	12.89	244	1863419	81.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	117690	31.344	ng		99
3) Pyridine	3.19	79	304668	29.698	ng		99
4) n-Nitrosodimethylamine	3.12	42	104110	36.064	ng		97
6) Aniline	6.40	93	232110	16.862	ng	#	1
8) 2-Chlorophenol	6.53	128	368518	39.712	ng		99
9) Benzaldehyde	6.29	77	206644	35.013	ng		97
10) Phenol	6.40	94	450609	38.842	ng		82
11) bis(2-Chloroethyl)ether	6.48	93	332962	37.305	ng		99
12) 1,3-Dichlorobenzene	6.69	146	420433	37.376	ng		97
13) 1,4-Dichlorobenzene	6.76	146	426762	37.703	ng		98
14) 1,2-Dichlorobenzene	6.92	146	397877	38.072	ng		98
15) Benzyl Alcohol	6.89	79	285824	39.061	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	284054	34.503	ng		99
17) 2-Methylphenol	7.01	107	300894	39.235	ng		96
18) Hexachloroethane	7.25	117	135116	33.540	ng		95
19) n-Nitroso-di-n-propylamine	7.16	70	207455	39.722	ng		98
20) 3+4-Methylphenols	7.16	107	383936	42.784	ng		91
22) Acetophenone	7.15	105	505807	40.584	ng		98
24) Nitrobenzene	7.32	77	340078	39.926	ng		96
25) Isophorone	7.56	82	627626	40.043	ng		98
26) 2-Nitrophenol	7.64	139	188215	42.019	ng		97
27) 2,4-Dimethylphenol	7.69	122	314926	45.866	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	410035	38.495	ng		99
29) 2,4-Dichlorophenol	7.89	162	327439	42.177	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	373081	40.918	ng		99
31) Naphthalene	8.05	128	1063263	42.208	ng		100
32) Benzoic acid	7.81	122	149900	34.575	ng		99
33) 4-Chloroaniline	8.10	127	135653	12.264	ng		97
34) Hexachlorobutadiene	8.17	225	224211	40.690	ng		99
35) Caprolactam	8.46	113	102972	39.600	ng		98
36) 4-Chloro-3-methylphenol	8.59	107	325638	42.826	ng		100
37) 2-Methylnaphthalene	8.74	142	737905	43.635	ng		99
38) 1-Methylnaphthalene	8.84	142	691816	43.296	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	388282	41.262	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	57807	21.244 ng	99
43) 2,4,6-Trichlorophenol	9.03	196	239222	41.297 ng	100
44) 2,4,5-Trichlorophenol	9.08	196	258364	43.199 ng	99
46) 1,1'-Biphenyl	9.21	154	903889	40.278 ng	99
47) 2-Chloronaphthalene	9.23	162	708215	40.812 ng	98
48) 2-Nitroaniline	9.33	65	164517	39.160 ng	92
49) Acenaphthylene	9.65	152	1100339	42.029 ng	100
50) Dimethylphthalate	9.51	163	1105665	53.522 ng	100
51) 2,6-Dinitrotoluene	9.58	165	187298	41.576 ng	94
52) Acenaphthene	9.82	154	634080	39.927 ng	100
53) 3-Nitroaniline	9.74	138	88294	17.105 ng	97
54) 2,4-Dinitrophenol	9.86	184	41343	27.503 ng	97
55) Dibenzofuran	10.00	168	998092	42.043 ng	99
56) 4-Nitrophenol	9.93	139	238848	72.476 ng	96
57) 2,4-Dinitrotoluene	9.99	165	240620	40.284 ng	98
58) Fluorene	10.35	166	764489	45.184 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	208539	41.247 ng	98
60) Diethylphthalate	10.22	149	811452	41.379 ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	406874	44.720 ng	94
62) 4-Nitroaniline	10.36	138	157119	31.648 ng	98
63) Azobenzene	10.50	77	647221	42.988 ng	97
65) 4,6-Dinitro-2-methylphenol	10.40	198	47323	19.213 ng	96
66) n-Nitrosodiphenylamine	10.45	169	692694	42.804 ng	99
67) 4-Bromophenyl-phenylether	10.83	248	259768	41.532 ng	97
68) Hexachlorobenzene	10.90	284	289561	40.739 ng	93
69) Atrazine	10.99	200	243981	45.942 ng	99
70) Pentachlorophenol	11.10	266	214075	74.989 ng	98
71) Phenanthrene	11.32	178	1173838	42.065 ng	99
72) Anthracene	11.36	178	1205967	43.585 ng	99
73) Carbazole	11.52	167	1074119	41.878 ng	100
74) Di-n-butylphthalate	11.86	149	1590628	50.908 ng	100
75) Fluoranthene	12.52	202	1307300	41.712 ng	99
77) Benzidine	12.64	184	960817	71.531 ng	99
78) Pyrene	12.75	202	1321004	41.292 ng	99
80) Butylbenzylphthalate	13.37	149	558740	40.080 ng	99
81) Benzo(a)anthracene	13.96	228	1186781	41.933 ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	459283	40.855 ng	98
83) Chrysene	13.99	228	1145766	41.247 ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	756530	43.149 ng	99
85) Di-n-octyl phthalate	14.57	149	1339269	42.143 ng	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	1398611	40.307 ng	100
88) Benzo(b)fluoranthene	15.02	252	1254721	40.044 ng	99
89) Benzo(k)fluoranthene	15.05	252	1243174	41.674 ng	99
90) Benzo(a)pyrene	15.38	252	1177289	40.306 ng	99
91) Dibenzo(a,h)anthracene	16.93	278	1167997	41.230 ng	100
92) Benzo(g,h,i)perylene	17.36	276	1148295	39.891 ng	99

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

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