Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000892.D
Acq On : 18 Oct 2019 21:51
Operator : JU
Sample : K5420-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1MSD

Quant Time: Oct 19 02:21:22 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	151803	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	543126	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	302411	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	555804	20.00	ng		0.00
76) Chrysene-d12	13.96	240	465051	20.00	ng		0.00
87) Perylene-d12	15.44	264	548541	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	818856	86.71	ng		0.00
7) Phenol-d6	6.39	99	1033589	90.82	ng		0.00
23) Nitrobenzene-d5	7.30	82	573910	64.54	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	338708	105.11	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1305394	69.84	ng		0.00
79) Terphenyl-d14	12.89	244	1541656	67.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	118270	31.361	ng		99
3) Pyridine	3.19	79	303004	29.407	ng		100
4) n-Nitrosodimethylamine	3.13	42	103320	35.634	ng		99
6) Aniline	6.40	93	291250	21.066	ng	#	32
8) 2-Chlorophenol	6.53	128	367938	39.477	ng		98
9) Benzaldehyde	6.29	77	204013	34.417	ng		98
10) Phenol	6.40	94	448571	38.498	ng		87
11) bis(2-Chloroethyl)ether	6.48	93	329754	36.785	ng		99
12) 1,3-Dichlorobenzene	6.68	146	419088	37.094	ng		99
13) 1,4-Dichlorobenzene	6.76	146	427950	37.643	ng		99
14) 1,2-Dichlorobenzene	6.91	146	399576	38.068	ng		99
15) Benzyl Alcohol	6.89	79	282308	38.412	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	283184	34.247	ng		98
17) 2-Methylphenol	7.00	107	296112	38.443	ng		99
18) Hexachloroethane	7.25	117	133962	33.108	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	206342	39.337	ng		97
20) 3+4-Methylphenols	7.16	107	380334	42.198	ng		94
22) Acetophenone	7.15	105	500476	39.879	ng	#	98
24) Nitrobenzene	7.32	77	338339	39.449	ng		99
25) Isophorone	7.56	82	626596	39.701	ng		98
26) 2-Nitrophenol	7.64	139	188913	41.884	ng		97
27) 2,4-Dimethylphenol	7.69	122	313545	45.350	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	408673	38.102	ng		99
29) 2,4-Dichlorophenol	7.89	162	322065	41.198	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	369352	40.230	ng		100
31) Naphthalene	8.05	128	1053594	41.536	ng		100
32) Benzoic acid	7.81	122	133650	30.614	ng		98
33) 4-Chloroaniline	8.10	127	173891	15.613	ng		97
34) Hexachlorobutadiene	8.17	225	221992	40.010	ng		99
35) Caprolactam	8.46	113	103065	39.362	ng		99
36) 4-Chloro-3-methylphenol	8.59	107	321946	42.048	ng		98
37) 2-Methylnaphthalene	8.74	142	732535	43.019	ng		99
38) 1-Methylnaphthalene	8.84	142	687180	42.709	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	383508	40.067	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	61791	21.954 ng		99
43) 2,4,6-Trichlorophenol	9.03	196	234070	39.726 ng		98
44) 2,4,5-Trichlorophenol	9.08	196	251849	41.398 ng		98
46) 1,1'-Biphenyl	9.21	154	901084	39.475 ng		99
47) 2-Chloronaphthalene	9.23	162	699842	39.649 ng		98
48) 2-Nitroaniline	9.33	65	165470	38.721 ng		95
49) Acenaphthylene	9.65	152	1091398	40.984 ng		100
50) Dimethylphthalate	9.51	163	1044816	49.722 ng		100
51) 2,6-Dinitrotoluene	9.58	165	184861	40.342 ng		94
52) Acenaphthene	9.82	154	630908	39.056 ng		100
53) 3-Nitroaniline	9.74	138	99292	18.911 ng		99
54) 2,4-Dinitrophenol	9.86	184	40755	26.654 ng		98
55) Dibenzofuran	10.00	168	987229	40.883 ng		99
56) 4-Nitrophenol	9.92	139	235630	70.292 ng		95
57) 2,4-Dinitrotoluene	9.99	165	238160	39.199 ng		97
58) Fluorene	10.35	166	758623	44.080 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	214766	41.762 ng		96
60) Diethylphthalate	10.22	149	801405	40.177 ng		99
61) 4-Chlorophenyl-phenylether	10.33	204	402771	43.521 ng		95
62) 4-Nitroaniline	10.36	138	160475	31.779 ng		99
63) Azobenzene	10.50	77	636499	41.562 ng		95
65) 4,6-Dinitro-2-methylphenol	10.40	198	45318	18.393 ng		97
66) n-Nitrosodiphenylamine	10.45	169	691075	42.691 ng		100
67) 4-Bromophenyl-phenylether	10.83	248	258168	41.264 ng		96
68) Hexachlorobenzene	10.90	284	284335	39.992 ng		93
69) Atrazine	10.99	200	242555	45.659 ng		99
70) Pentachlorophenol	11.10	266	219619	76.908 ng		99
71) Phenanthrene	11.31	178	1159252	41.530 ng		100
72) Anthracene	11.36	178	1189554	42.979 ng		99
73) Carbazole	11.52	167	1057566	41.220 ng		100
74) Di-n-butylphthalate	11.86	149	1499811	47.987 ng		100
75) Fluoranthene	12.52	202	1285617	41.008 ng		99
77) Benzidine	12.64	184	1007217	74.793 ng		99
78) Pyrene	12.75	202	1289310	40.197 ng		99
80) Butylbenzylphthalate	13.37	149	551301	39.444 ng		98
81) Benzo(a)anthracene	13.96	228	1182418	41.672 ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	457840	40.622 ng		99
83) Chrysene	13.99	228	1114379	40.014 ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	733619	41.735 ng	#	97
85) Di-n-octyl phthalate	14.57	149	1302664	40.886 ng		99
86) Indeno(1,2,3-cd)pyrene	16.92	276	1349033	38.778 ng		100
88) Benzo(b)fluoranthene	15.02	252	1228742	39.484 ng		99
89) Benzo(k)fluoranthene	15.05	252	1206602	40.725 ng		99
90) Benzo(a)pyrene	15.38	252	1147703	39.562 ng		100
91) Dibenzo(a,h)anthracene	16.93	278	1132992	40.269 ng		99
92) Benzo(g,h,i)perylene	17.36	276	1098763	38.432 ng		97

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

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