Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001354.D
Acq On : 20 Dec 2019 20:44
Operator : JU
Sample : K6107-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HR-06-121819MS

Quant Time: Dec 21 03:02:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	49321	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	173656	20.00	ng		0.00
39) Acenaphthene-d10	13.20	164	93178	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	169815	20.00	ng		0.00
76) Chrysene-d12	19.25	240	128259	20.00	ng		0.00
87) Perylene-d12	21.02	264	137868	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	342892	112.36	ng		0.02
7) Phenol-d6	7.76	99	463550	116.41	ng		0.01
23) Nitrobenzene-d5	9.19	82	320431	70.86	ng		0.00
42) 2,4,6-Tribromophenol	14.50	330	119065	102.21	ng		0.01
45) 2-Fluorobiphenyl	12.12	172	489007	66.36	ng		0.00
79) Terphenyl-d14	17.89	244	503551	67.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	48588	38.688	ng		97
3) Pyridine	3.45	79	123476	35.990	ng		98
4) n-Nitrosodimethylamine	3.37	42	101711	46.820	ng		92
6) Aniline	7.78	93	105653	21.077	ng	#	1
8) 2-Chlorophenol	7.97	128	143141	46.656	ng		99
9) Benzaldehyde	7.60	77	118469	42.410	ng		98
10) Phenol	7.78	94	218270	47.973	ng		89
11) bis(2-Chloroethyl)ether	7.91	93	143432	44.561	ng		99
12) 1,3-Dichlorobenzene	8.21	146	162221	42.450	ng		99
13) 1,4-Dichlorobenzene	8.33	146	166286	42.710	ng		98
14) 1,2-Dichlorobenzene	8.57	146	160598	43.299	ng		100
15) Benzyl Alcohol	8.54	79	170406	45.607	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.77	45	206701	40.547	ng		94
17) 2-Methylphenol	8.73	107	124490	45.919	ng		98
18) Hexachloroethane	9.10	117	69109	41.726	ng		90
19) n-Nitroso-di-n-propylamine	8.98	70	129586	45.841	ng		100
20) 3+4-Methylphenols	8.98	107	165287	45.944	ng		99
22) Acetophenone	8.95	105	255485	46.524	ng	#	96
24) Nitrobenzene	9.22	77	192521	43.255	ng		99
25) Isophorone	9.61	82	325691	44.791	ng		99
26) 2-Nitrophenol	9.73	139	71485	45.041	ng		95
27) 2,4-Dimethylphenol	9.83	122	124178	53.198	ng		98
28) bis(2-Chloroethoxy)methane	9.98	93	179302	41.287	ng		96
29) 2,4-Dichlorophenol	10.12	162	125928	43.569	ng		98
30) 1,2,4-Trichlorobenzene	10.26	180	146214	41.126	ng		99
31) Naphthalene	10.37	128	414295	43.705	ng		99
32) Benzoic acid	10.02	122	79177	42.585	ng		95
33) 4-Chloroaniline	10.47	127	39581	10.210	ng		96
34) Hexachlorobutadiene	10.60	225	95797	38.632	ng		96
35) Caprolactam	11.05	113	27686	32.191	ng	#	87
36) 4-Chloro-3-methylphenol	11.29	107	139760	41.378	ng		96
37) 2-Methylnaphthalene	11.51	142	285005	43.551	ng		99
38) 1-Methylnaphthalene	11.67	142	265960	43.228	ng		96
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	146880	42.632	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	102352	60.066 ng		100
43) 2,4,6-Trichlorophenol	11.97	196	94549	44.623 ng		95
44) 2,4,5-Trichlorophenol	12.03	196	97616	44.840 ng		96
46) 1,1'-Biphenyl	12.28	154	343562	44.061 ng		100
47) 2-Chloronaphthalene	12.30	162	263577	41.814 ng		98
48) 2-Nitroaniline	12.47	65	102486	40.602 ng		98
49) Acenaphthylene	12.97	152	398931	43.293 ng		100
50) Dimethylphthalate	12.80	163	361067	47.234 ng		100
51) 2,6-Dinitrotoluene	12.88	165	67854	43.715 ng		98
52) Acenaphthene	13.26	154	231762	41.744 ng		98
53) 3-Nitroaniline	13.14	138	28863	17.325 ng		90
54) 2,4-Dinitrophenol	13.32	184	44650	74.496 ng		98
55) Dibenzofuran	13.55	168	367503	42.248 ng		99
56) 4-Nitrophenol	13.45	139	105905	88.900 ng		96
57) 2,4-Dinitrotoluene	13.54	165	89891	41.667 ng	#	93
58) Fluorene	14.11	166	291744	41.932 ng		98
59) 2,3,4,6-Tetrachlorophenol	13.75	232	79940	42.770 ng	#	87
60) Diethylphthalate	13.97	149	316421	40.133 ng		98
61) 4-Chlorophenyl-phenylether	14.13	204	150380	41.116 ng		96
62) 4-Nitroaniline	12.47	138	80913	41.940 ng		97
63) Azobenzene	14.39	77	341654	41.161 ng		98
65) 4,6-Dinitro-2-methylphenol	14.20	198	32369	42.561 ng		97
66) n-Nitrosodiphenylamine	14.32	169	248363	46.133 ng		100
67) 4-Bromophenyl-phenylether	14.92	248	88284	43.972 ng		95
68) Hexachlorobenzene	15.00	284	95097	41.606 ng		99
69) Atrazine	15.22	200	92393	47.778 ng		98
70) Pentachlorophenol	15.32	266	115349	98.409 ng		94
71) Phenanthrene	15.64	178	440876	45.505 ng		98
72) Anthracene	15.72	178	435944	45.454 ng		100
73) Carbazole	15.97	167	371057	43.394 ng		99
74) Di-n-butylphthalate	16.52	149	483542	41.207 ng		99
75) Fluoranthene	17.35	202	475817	43.921 ng		99
77) Benzidine	17.55	184	217974	58.371 ng		99
78) Pyrene	17.66	202	483485	48.550 ng		99
80) Butylbenzylphthalate	18.55	149	195719	42.156 ng		98
81) Benzo(a)anthracene	19.24	228	416099	44.522 ng		100
82) 3,3'-Dichlorobenzidine	19.20	252	99235	30.578 ng		97
83) Chrysene	19.29	228	402988	44.672 ng		99
84) Bis(2-ethylhexyl)phthalate	19.29	149	287337	42.177 ng		100
85) Di-n-octyl phthalate	20.07	149	472813	41.873 ng		97
86) Indeno(1,2,3-cd)pyrene	22.67	276	432763	44.419 ng		99
88) Benzo(b)fluoranthene	20.54	252	401555	44.350 ng		99
89) Benzo(k)fluoranthene	20.57	252	365262	42.350 ng		98
90) Benzo(a)pyrene	20.96	252	357972	43.400 ng		100
91) Dibenzo(a,h)anthracene	22.70	278	356857	44.250 ng		99
92) Benzo(g,h,i)perylene	23.17	276	352531	45.747 ng		99

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

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