Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
Data File : BF111239.D
Acq On : 10 Dec 2018 13:45
Operator : JU/SJ
Sample : J6065-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Manual Integrations APPROVED
Sohil
12/11/2018 8:42:28 AM

Quant Time: Dec 10 15:49:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	604821	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2203693	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	1121013	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1810762	20.00	ng		0.00
76) Chrysene-d12	13.96	240	839130	20.00	ng		0.00
87) Perylene-d12	15.39	264	915277	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	4294601	112.12	ng		0.02
7) Phenol-d6	6.45	99	5600185	117.65	ng		0.01
23) Nitrobenzene-d5	7.37	82	3548815	90.32	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	1109022	111.68	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	4895404	72.59	ng		0.00
79) Terphenyl-d14	12.91	244	3472575	99.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	653424	33.249	ng		99
3) Pyridine	3.33	79	1856721	35.563	ng		100
4) n-Nitrosodimethylamine	3.28	42	995533	44.722	ng		95
6) Aniline	6.47	93	1103070	17.381	ng		98
8) 2-Chlorophenol	6.59	128	1754949	40.309	ng		99
9) Benzaldehyde	6.35	77	584993	18.011	ng		98
10) Phenol	6.46	94	2381173	42.782	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	1724187	40.055	ng		95
12) 1,3-Dichlorobenzene	6.75	146	1762099	37.668	ng		99
13) 1,4-Dichlorobenzene	6.82	146	1780370	37.692	ng		98
14) 1,2-Dichlorobenzene	6.97	146	1668502	37.872	ng		99
15) Benzyl Alcohol	6.95	79	1522127	40.408	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3206793	39.791	ng		99
17) 2-Methylphenol	7.06	107	1513961	42.593	ng		98
18) Hexachloroethane	7.32	117	875110	48.661	ng		92
19) n-Nitroso-di-n-propylamine	7.22	70	1297725	40.698	ng		96
20) 3+4-Methylphenols	7.21	107	1696112	40.117	ng		95
22) Acetophenone	7.21	105	2296676	45.549	ng	#	99
24) Nitrobenzene	7.39	77	1852541	45.303	ng		94
25) Isophorone	7.63	82	3460576	51.713	ng	#	99
26) 2-Nitrophenol	7.70	139	949928	46.756	ng		94
27) 2,4-Dimethylphenol	7.74	122	1584561	50.472	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	2175563	46.948	ng		99
29) 2,4-Dichlorophenol	7.95	162	1458780	45.443	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	1381718	43.696	ng		98
31) Naphthalene	8.11	128	4874729	50.684	ng		96
32) Benzoic acid	7.80	122	63899	2.461	ng		95
33) 4-Chloroaniline	8.15	127	565085	12.233	ng		97
34) Hexachlorobutadiene	8.23	225	730351	41.843	ng		99
35) Caprolactam	8.53	113	544572m	47.873	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1580120	48.075	ng		99
37) 2-Methylnaphthalene	8.80	142	3122771	48.905	ng		97
38) 1-Methylnaphthalene	8.90	142	3012887	48.181	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1158664	37.145	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1011738	56.954	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	950833	40.609	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	1018141	41.743	ng		95
46) 1,1'-Biphenyl	9.26	154	3438021	37.095	ng		99
47) 2-Chloronaphthalene	9.29	162	2819754	38.442	ng		98
48) 2-Nitroaniline	9.38	65	1045239	41.773	ng		91
49) Acenaphthylene	9.70	152	4231653	39.739	ng		99
50) Dimethylphthalate	9.57	163	3627630	43.857	ng		98
51) 2,6-Dinitrotoluene	9.62	165	783598	42.898	ng	#	85
52) Acenaphthene	9.87	154	2627383	39.318	ng		99
53) 3-Nitroaniline	9.79	138	510138	22.626	ng		98
54) 2,4-Dinitrophenol	9.89	184	185137	25.648	ng	#	61
55) Dibenzofuran	10.05	168	3700303	40.703	ng		97
56) 4-Nitrophenol	9.96	139	1321206	75.239	ng		96
57) 2,4-Dinitrotoluene	10.03	165	1049219	46.593	ng		96
58) Fluorene	10.39	166	2721114	38.680	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	805435	43.565	ng		100
60) Diethylphthalate	10.27	149	3157668	40.043	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	1257040	35.988	ng		97
62) 4-Nitroaniline	10.40	138	839162	39.335	ng		99
63) Azobenzene	10.54	77	3154232	38.527	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	382849	35.967	ng		87
66) n-Nitrosodiphenylamine	10.50	169	2620253	42.509	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	812472	40.966	ng		97
68) Hexachlorobenzene	10.94	284	822658	40.775	ng		96
69) Atrazine	11.03	200	829804	44.270	ng		99
70) Pentachlorophenol	11.13	266	956264	65.337	ng		96
71) Phenanthrene	11.35	178	3757417	41.140	ng		100
72) Anthracene	11.40	178	3828044	40.062	ng		99
73) Carbazole	11.55	167	3615778	36.189	ng		99
74) Di-n-butylphthalate	11.89	149	4275091	41.628	ng		99
75) Fluoranthene	12.53	202	3419662	40.987	ng		97
77) Benzidine	12.65	184	429935	17.256	ng		97
78) Pyrene	12.76	202	3363265	56.087	ng		100
80) Butylbenzylphthalate	13.39	149	1489462	47.555	ng		95
81) Benzo(a)anthracene	13.94	228	2180433	46.576	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	410572	21.397	ng		98
83) Chrysene	13.99	228	2189048	45.357	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1662359	44.666	ng		100
85) Di-n-octyl phthalate	14.56	149	2803719	44.945	ng		98
86) Indeno(1,2,3-cd)pyrene	16.82	276	2861056	73.439	ng		98
88) Benzo(b)fluoranthene	14.99	252	2286210	45.167	ng		98
89) Benzo(k)fluoranthene	15.01	252	1946655	40.905	ng		98
90) Benzo(a)pyrene	15.34	252	2240043	48.057	ng		98
91) Dibenzo(a,h)anthracene	16.83	278	2298420	62.780	ng		98
92) Benzo(g,h,i)perylene	17.24	276	2424066	66.143	ng		97

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

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