Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
Data File : BF111238.D
Acq On : 10 Dec 2018 13:17
Operator : JU/SJ
Sample : J6065-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
12/11/2018 8:42:27 AM

Quant Time: Dec 10 15:47:44 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	618923	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2250443	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	1183193	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1970109	20.00	ng		0.00
76) Chrysene-d12	13.96	240	992983	20.00	ng		0.00
87) Perylene-d12	15.39	264	1041507	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	4270060	108.94	ng		0.02
7) Phenol-d6	6.44	99	5501557	112.94	ng		0.00
23) Nitrobenzene-d5	7.37	82	3477156	86.66	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	1132168	108.02	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	4861626	66.88	ng		0.00
79) Terphenyl-d14	12.91	244	3752240	90.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	596598	29.666	ng		98
3) Pyridine	3.33	79	1667733	31.215	ng		99
4) n-Nitrosodimethylamine	3.26	42	880423	38.650	ng		95
6) Aniline	6.47	93	1095609	16.870	ng		98
8) 2-Chlorophenol	6.59	128	1593732	35.772	ng		97
9) Benzaldehyde	6.35	77	562474	16.734	ng		99
10) Phenol	6.45	94	2196024	38.557	ng		97
11) bis(2-Chloroethyl)ether	6.54	93	1582433	35.924	ng		98
12) 1,3-Dichlorobenzene	6.75	146	1618176	33.803	ng		99
13) 1,4-Dichlorobenzene	6.82	146	1598147	33.063	ng		99
14) 1,2-Dichlorobenzene	6.97	146	1502718	33.332	ng		98
15) Benzyl Alcohol	6.95	79	1404332	36.432	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2904091	35.214	ng		99
17) 2-Methylphenol	7.06	107	1357399	37.318	ng		97
18) Hexachloroethane	7.32	117	672244	36.529	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	1172663	35.938	ng		98
20) 3+4-Methylphenols	7.21	107	1545346	35.718	ng		96
22) Acetophenone	7.21	105	2096949	40.724	ng	#	98
24) Nitrobenzene	7.39	77	1685319	40.358	ng		94
25) Isophorone	7.63	82	3137018	45.905	ng	#	98
26) 2-Nitrophenol	7.70	139	855370	41.227	ng		96
27) 2,4-Dimethylphenol	7.74	122	1414959	44.134	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	1947589	41.155	ng		99
29) 2,4-Dichlorophenol	7.95	162	1330180	40.576	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	1242996	38.493	ng		100
31) Naphthalene	8.11	128	4390762	44.704	ng	#	96
32) Benzoic acid	7.80	122	67260	2.537	ng		94
33) 4-Chloroaniline	8.15	127	598292	12.683	ng		98
34) Hexachlorobutadiene	8.23	225	664709	37.291	ng		99
35) Caprolactam	8.52	113	492056m	42.358	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1420787	42.330	ng		100
37) 2-Methylnaphthalene	8.80	142	2896555	44.420	ng		98
38) 1-Methylnaphthalene	8.90	142	2784968	43.611	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1041109	31.623	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	983815	52.472	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	875275	35.418	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	917778	35.650	ng		96
46) 1,1'-Biphenyl	9.26	154	3210145	31.798	ng		100
47) 2-Chloronaphthalene	9.29	162	2598457	33.564	ng		99
48) 2-Nitroaniline	9.37	65	965331	36.552	ng		98
49) Acenaphthylene	9.70	152	3902580	34.723	ng		99
50) Dimethylphthalate	9.57	163	3395999	38.899	ng		99
51) 2,6-Dinitrotoluene	9.62	165	724449	37.575	ng		92
52) Acenaphthene	9.87	154	2418805	34.295	ng		99
53) 3-Nitroaniline	9.79	138	502334	21.109	ng		96
54) 2,4-Dinitrophenol	9.89	184	145985	19.161	ng	#	74
55) Dibenzofuran	10.05	168	3484600	36.316	ng		98
56) 4-Nitrophenol	9.95	139	1229018	66.311	ng		99
57) 2,4-Dinitrotoluene	10.02	165	970363	40.826	ng		94
58) Fluorene	10.39	166	2536741	34.164	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	737653	37.802	ng		100
60) Diethylphthalate	10.27	149	2947540	35.414	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	1161484	31.505	ng		98
62) 4-Nitroaniline	10.40	138	762668	33.871	ng		97
63) Azobenzene	10.54	77	2966983	34.335	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	333575	29.000	ng	#	79
66) n-Nitrosodiphenylamine	10.50	169	2434423	36.300	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	756226	35.046	ng		97
68) Hexachlorobenzene	10.94	284	763541	34.784	ng		97
69) Atrazine	11.03	200	768666	37.692	ng		98
70) Pentachlorophenol	11.13	266	885975	55.638	ng		98
71) Phenanthrene	11.35	178	3554760	35.773	ng		99
72) Anthracene	11.40	178	3609678	34.721	ng		99
73) Carbazole	11.55	167	3458737	31.817	ng		99
74) Di-n-butylphthalate	11.89	149	4029630	36.064	ng		100
75) Fluoranthene	12.53	202	3402402	37.482	ng		97
77) Benzidine	12.65	184	361439	12.259	ng		99
78) Pyrene	12.76	202	3372147	47.522	ng		99
80) Butylbenzylphthalate	13.39	149	1555441	41.967	ng		94
81) Benzo(a)anthracene	13.94	228	2189981	39.532	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	435525	19.181	ng		99
83) Chrysene	13.99	228	2269234	39.734	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1673443	37.997	ng		99
85) Di-n-octyl phthalate	14.56	149	2859021	38.731	ng		99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2579438	55.952	ng		99
88) Benzo(b)fluoranthene	14.98	252	2391109	41.514	ng		99
89) Benzo(k)fluoranthene	15.01	252	1887721	34.859	ng		98
90) Benzo(a)pyrene	15.33	252	2154451	40.619	ng		100
91) Dibenzo(a,h)anthracene	16.83	278	2078362	49.888	ng		99
92) Benzo(g,h,i)perylene	17.24	276	2253990	54.048	ng		98

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

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