Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110063.D
Acq On : 22 Oct 2018 21:41
Operator : JU/SJ
Sample : J5605-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-AMSD

Manual Integrations APPROVED
Sohil
10/23/2018 2:18:52 PM

Quant Time: Oct 23 04:38:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	189895	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	689051	20.00	ng		-0.01
39) Acenaphthene-d10	10.02	164	275119	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	416853	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	311764	20.00	ng		-0.01
87) Perylene-d12	15.67	264	238155	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1488381	124.24	ng		0.00
7) Phenol-d6	6.60	99	1872519	125.88	ng		0.00
23) Nitrobenzene-d5	7.54	82	1139838	111.43	ng		-0.01
42) 2,4,6-Tribromophenol	10.81	330	321260	134.88	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1803360	104.59	ng		0.00
79) Terphenyl-d14	13.09	244	1323184	89.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	195244	28.695	ng		91
3) Pyridine	3.67	79	575086	37.911	ng		89
4) n-Nitrosodimethylamine	3.63	42	286498	46.299	ng		94
6) Aniline	6.64	93	825241	41.166	ng	#	53
8) 2-Chlorophenol	6.76	128	575533	42.889	ng		99
9) Benzaldehyde	6.53	77	332592	34.405	ng		94
10) Phenol	6.62	94	840861	52.355	ng	#	65
11) bis(2-Chloroethyl)ether	6.71	93	555184	41.342	ng		94
12) 1,3-Dichlorobenzene	6.92	146	618639	42.043	ng		97
13) 1,4-Dichlorobenzene	6.99	146	620233	41.854	ng		98
14) 1,2-Dichlorobenzene	7.15	146	576000	42.210	ng		100
15) Benzyl Alcohol	7.11	79	509649	44.533	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	899984	40.832	ng		68
17) 2-Methylphenol	7.22	107	472549	43.671	ng	#	81
18) Hexachloroethane	7.49	117	207653	39.652	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	390810	40.917	ng		96
20) 3+4-Methylphenols	7.37	107	586126	42.685	ng		92
22) Acetophenone	7.38	105	768148	48.070	ng	#	96
24) Nitrobenzene	7.56	77	580396	52.232	ng		96
25) Isophorone	7.79	82	1064138	52.946	ng		96
26) 2-Nitrophenol	7.87	139	280930	60.975	ng		97
27) 2,4-Dimethylphenol	7.90	122	517677	53.474	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	677039	49.084	ng		99
29) 2,4-Dichlorophenol	8.11	162	453777	48.319	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	496810	47.247	ng		96
31) Naphthalene	8.28	128	1546804	48.954	ng		99
32) Benzoic acid	7.99	122	139925	23.198	ng		91
33) 4-Chloroaniline	8.32	127	615537	43.336	ng		99
34) Hexachlorobutadiene	8.39	225	274697	47.374	ng		99
35) Caprolactam	8.69	113	147283m	44.159	ng		
36) 4-Chloro-3-methylphenol	8.80	107	455763	46.003	ng		96
37) 2-Methylnaphthalene	8.97	142	1032349	50.456	ng		98
38) 1-Methylnaphthalene	9.07	142	959730	48.408	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	430717	50.828	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	168871	41.289	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	281015	53.035	ng		95
44) 2,4,5-Trichlorophenol	9.29	196	287799	52.333	ng		93
46) 1,1'-Biphenyl	9.43	154	1183355	48.277	ng		99
47) 2-Chloronaphthalene	9.46	162	883238	48.918	ng		99
48) 2-Nitroaniline	9.56	65	275391	59.434	ng		92
49) Acenaphthylene	9.88	152	1321874	50.396	ng		98
50) Dimethylphthalate	9.73	163	1193946	61.288	ng		100
51) 2,6-Dinitrotoluene	9.80	165	214195	57.889	ng	#	85
52) Acenaphthene	10.05	154	806325	48.285	ng		97
53) 3-Nitroaniline	9.97	138	222521	49.439	ng		90
54) 2,4-Dinitrophenol	10.07	184	31950	32.996	ng		87
55) Dibenzofuran	10.22	168	1112986	46.734	ng		97
56) 4-Nitrophenol	10.12	139	430575	125.374	ng		96
57) 2,4-Dinitrotoluene	10.20	165	255820	54.090	ng		90
58) Fluorene	10.56	166	838609	48.372	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	209638	48.100	ng		94
60) Diethylphthalate	10.43	149	950849	49.418	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	413928	45.836	ng		97
62) 4-Nitroaniline	10.58	138	207705	48.750	ng		94
63) Azobenzene	10.72	77	873209	43.442	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	34621	27.055	ng		87
66) n-Nitrosodiphenylamine	10.67	169	750771	54.076	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	238103	52.706	ng		96
68) Hexachlorobenzene	11.11	284	235775	48.942	ng	#	91
69) Atrazine	11.19	200	223616	51.562	ng		98
70) Pentachlorophenol	11.30	266	216943	79.129	ng		97
71) Phenanthrene	11.53	178	1118533	51.830	ng		99
72) Anthracene	11.58	178	1138335	52.466	ng		99
73) Carbazole	11.73	167	994796	46.653	ng		99
74) Di-n-butylphthalate	12.06	149	1267008	53.242	ng		99
75) Fluoranthene	12.72	202	1092209	50.662	ng		99
77) Benzidine	12.84	184	918310	76.824	ng		97
78) Pyrene	12.95	202	1091714	47.677	ng		98
80) Butylbenzylphthalate	13.56	149	500702	54.086	ng		99
81) Benzo(a)anthracene	14.14	228	938787	51.122	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	340133	52.833	ng		98
83) Chrysene	14.18	228	871232	49.843	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	688468	56.519	ng		95
85) Di-n-octyl phthalate	14.73	149	1116209	64.995	ng		97
86) Indeno(1,2,3-cd)pyrene	17.23	276	677411	48.133	ng		95
88) Benzo(b)fluoranthene	15.22	252	753414	54.873	ng		99
89) Benzo(k)fluoranthene	15.25	252	698797m	51.636	ng		
90) Benzo(a)pyrene	15.61	252	664676	52.636	ng		98
91) Dibenzo(a,h)anthracene	17.25	278	576613	51.524	ng		97
92) Benzo(g,h,i)perylene	17.71	276	550795	48.712	ng		96

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

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