Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110819.D
Acq On : 16 Nov 2018 16:25
Operator : JU/SJ
Sample : J5952-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MSD

Manual Integrations APPROVED
Sohil
11/19/2018 11:55:51 AM

Quant Time: Nov 16 17:38:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	63614	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	256182	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	119971	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	199657	20.00	ng		0.00
76) Chrysene-d12	14.13	240	143395	20.00	ng		0.00
87) Perylene-d12	15.66	264	116240	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	505663	129.12	ng		0.00
7) Phenol-d6	6.57	99	643071	128.41	ng		0.00
23) Nitrobenzene-d5	7.51	82	409822	92.13	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	146592	121.26	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	717680	85.44	ng		0.00
79) Terphenyl-d14	13.06	244	538951	70.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	49341	25.286	ng		86
3) Pyridine	3.59	79	134009	31.816	ng		89
4) n-Nitrosodimethylamine	3.54	42	75611	41.837	ng		90
6) Aniline	6.61	93	129562	19.838	ng	#	54
8) 2-Chlorophenol	6.73	128	173249	37.736	ng		99
9) Benzaldehyde	6.50	77	85215	29.567	ng		93
10) Phenol	6.59	94	220622	37.992	ng	#	65
11) bis(2-Chloroethyl)ether	6.67	93	153051	35.168	ng		95
12) 1,3-Dichlorobenzene	6.88	146	169449	33.732	ng		98
13) 1,4-Dichlorobenzene	6.96	146	174220	34.154	ng		99
14) 1,2-Dichlorobenzene	7.11	146	166593	35.107	ng		99
15) Benzyl Alcohol	7.08	79	149397	38.120	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	238676	34.923	ng		75
17) 2-Methylphenol	7.19	107	139728	38.241	ng	#	83
18) Hexachloroethane	7.45	117	61789	32.811	ng		96
19) n-Nitroso-di-n-propylamine	7.35	70	117135	36.641	ng		96
20) 3+4-Methylphenols	7.35	107	179172m	38.199	ng		
22) Acetophenone	7.35	105	237631	39.801	ng		96
24) Nitrobenzene	7.53	77	180427	39.587	ng		94
25) Isophorone	7.76	82	314716	43.165	ng		98
26) 2-Nitrophenol	7.84	139	88476	38.912	ng		99
27) 2,4-Dimethylphenol	7.87	122	155257	44.836	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	196448	39.795	ng		99
29) 2,4-Dichlorophenol	8.08	162	144200	40.471	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	149551	37.227	ng		95
31) Naphthalene	8.25	128	539147	44.830	ng		100
32) Benzoic acid	7.96	122	9401	3.837	ng		92
33) 4-Chloroaniline	8.30	127	70961	13.026	ng		97
34) Hexachlorobutadiene	8.35	225	80048	34.886	ng		96
35) Caprolactam	8.67	113	41644	34.983	ng		97
36) 4-Chloro-3-methylphenol	8.78	107	156418	40.705	ng		97
37) 2-Methylnaphthalene	8.93	142	353184	44.798	ng		98
38) 1-Methylnaphthalene	9.03	142	330314m	43.566	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	138084	36.361	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	11050	14.376	ng		95
43) 2,4,6-Trichlorophenol	9.22	196	96581	40.472	ng		98
44) 2,4,5-Trichlorophenol	9.26	196	100639	39.535	ng		95
46) 1,1'-Biphenyl	9.40	154	399593	35.705	ng		99
47) 2-Chloronaphthalene	9.43	162	301367	37.377	ng		99
48) 2-Nitroaniline	9.53	65	102078	41.084	ng		94
49) Acenaphthylene	9.85	152	493546	42.505	ng		98
50) Dimethylphthalate	9.70	163	452404	50.537	ng		100
51) 2,6-Dinitrotoluene	9.77	165	78865	40.048	ng		96
52) Acenaphthene	10.02	154	287285	39.150	ng		98
53) 3-Nitroaniline	9.95	138	60969	26.724	ng		91
54) 2,4-Dinitrophenol	10.07	184	6381	12.358	ng		92
55) Dibenzofuran	10.19	168	413244	38.491	ng		96
56) 4-Nitrophenol	10.11	139	104320	68.922	ng		97
57) 2,4-Dinitrotoluene	10.18	165	99223	38.752	ng		94
58) Fluorene	10.53	166	347243	42.108	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	79358	39.629	ng		94
60) Diethylphthalate	10.39	149	348321	39.330	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	152832	35.794	ng		96
62) 4-Nitroaniline	10.56	138	73297	31.904	ng		96
63) Azobenzene	10.68	77	309409	35.809	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	10246	10.182	ng		88
66) n-Nitrosodiphenylamine	10.64	169	284578	42.286	ng		98
67) 4-Bromophenyl-phenylether	11.01	248	86347	39.131	ng	#	90
68) Hexachlorobenzene	11.09	284	86622	37.234	ng		96
69) Atrazine	11.16	200	87818	42.678	ng		97
70) Pentachlorophenol	11.29	266	66329	53.432	ng		95
71) Phenanthrene	11.50	178	682933	63.846	ng		100
72) Anthracene	11.56	178	501357	46.464	ng		99
73) Carbazole	11.71	167	376308	36.314	ng		99
74) Di-n-butylphthalate	12.02	149	485783	39.976	ng		99
75) Fluoranthene	12.70	202	711040	66.303	ng		99
77) Benzidine	12.82	184	120081	30.451	ng		97
78) Pyrene	12.93	202	709525	64.262	ng		98
80) Butylbenzylphthalate	13.53	149	169774	35.725	ng		96
81) Benzo(a)anthracene	14.12	228	514524	60.032	ng		98
82) 3,3'-Dichlorobenzidine	14.07	252	91574	31.894	ng		98
83) Chrysene	14.16	228	465290	56.983	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	239389	40.607	ng		96
85) Di-n-octyl phthalate	14.69	149	413355	47.681	ng		99
86) Indeno(1,2,3-cd)pyrene	17.24	276	268283	45.786	ng		99
88) Benzo(b)fluoranthene	15.21	252	434231	62.444	ng		99
89) Benzo(k)fluoranthene	15.24	252	341161	49.651	ng		99
90) Benzo(a)pyrene	15.60	252	374934	59.343	ng		98
91) Dibenzo(a,h)anthracene	17.24	278	192673	36.036	ng		99
92) Benzo(g,h,i)perylene	17.72	276	229575	43.276	ng		99

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

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