Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111759.D
Acq On : 27 Dec 2018 13:49
Operator : JU/SJ
Sample : J6446-14MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Manual Integrations APPROVED
Sohil
12/28/2018 10:37:20 AM

Quant Time: Dec 28 06:11:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	157097	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	551727	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	241220	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	394249	20.00	ng		0.01
76) Chrysene-d12	14.07	240	363118	20.00	ng		0.02
87) Perylene-d12	15.56	264	271394	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	952188	103.31	ng		0.04
7) Phenol-d6	6.56	99	1198498	102.18	ng		0.04
23) Nitrobenzene-d5	7.47	82	778932	82.18	ng		0.01
42) 2,4,6-Tribromophenol	10.73	330	296473	104.02	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	1350785	81.62	ng		0.00
79) Terphenyl-d14	13.01	244	1169373	61.07	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	112162	25.866	ng		96
3) Pyridine	3.55	79	44302	3.922	ng		96
4) n-Nitrosodimethylamine	3.45	42	198219	35.852	ng		82
6) Aniline	6.57	93	13332	0.892	ng	#	1
8) 2-Chlorophenol	6.70	128	353331	34.608	ng		99
9) Benzaldehyde	6.45	77	118922	14.742	ng		98
10) Phenol	6.57	94	456031	34.458	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	335022	33.782	ng		100
12) 1,3-Dichlorobenzene	6.85	146	398204	33.656	ng		98
13) 1,4-Dichlorobenzene	6.92	146	402075	33.508	ng		97
14) 1,2-Dichlorobenzene	7.08	146	379345	33.885	ng		97
15) Benzyl Alcohol	7.05	79	311711	33.462	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	562203	30.781	ng		90
17) 2-Methylphenol	7.17	107	272063	33.280	ng	#	89
18) Hexachloroethane	7.42	117	132353	32.732	ng	#	82
19) n-Nitroso-di-n-propylamine	7.32	70	253190	32.504	ng		97
20) 3+4-Methylphenols	7.32	107	343289	33.233	ng		93
22) Acetophenone	7.31	105	479987	34.340	ng	#	91
24) Nitrobenzene	7.49	77	374078	37.655	ng		99
25) Isophorone	7.72	82	648835	38.559	ng		97
26) 2-Nitrophenol	7.80	139	182269	45.238	ng		95
27) 2,4-Dimethylphenol	7.85	122	289771	36.484	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	408000	36.436	ng		97
29) 2,4-Dichlorophenol	8.05	162	289170	33.850	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	331425	34.815	ng		97
31) Naphthalene	8.21	128	995905	37.568	ng		97
32) Benzoic acid	7.95	122	138283	26.333	ng		89
33) 4-Chloroaniline	8.26	127	23562	2.056	ng		97
34) Hexachlorobutadiene	8.33	225	201356	34.705	ng		97
35) Caprolactam	8.62	113	56566m	19.541	ng		
36) 4-Chloro-3-methylphenol	8.75	107	264328	31.477	ng		96
37) 2-Methylnaphthalene	8.90	142	645313	37.415	ng		98
38) 1-Methylnaphthalene	9.00	142	601742	36.327	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	315608	39.817	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	203889	53.007	ng		99
43) 2,4,6-Trichlorophenol	9.18	196	193625	36.587	ng		98
44) 2,4,5-Trichlorophenol	9.23	196	194284	35.785	ng	#	91
46) 1,1'-Biphenyl	9.36	154	787399	38.669	ng		94
47) 2-Chloronaphthalene	9.39	162	596953	37.002	ng		94
48) 2-Nitroaniline	9.48	65	169165	40.306	ng		96
49) Acenaphthylene	9.80	152	885682	37.600	ng		95
50) Dimethylphthalate	9.66	163	827295	46.900	ng		99
51) 2,6-Dinitrotoluene	9.72	165	144623	41.117	ng		99
52) Acenaphthene	9.97	154	575541	39.616	ng		98
53) 3-Nitroaniline	9.89	138	44559	11.879	ng		96
54) 2,4-Dinitrophenol	9.99	184	104837	91.699	ng		94
55) Dibenzofuran	10.15	168	792161	36.091	ng		94
56) 4-Nitrophenol	10.06	139	188194	65.738	ng		89
57) 2,4-Dinitrotoluene	10.12	165	179623	42.490	ng	#	99
58) Fluorene	10.49	166	597063	37.750	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	156868	34.333	ng		92
60) Diethylphthalate	10.36	149	631078	36.471	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	304849	34.887	ng		93
62) 4-Nitroaniline	10.50	138	52625	14.434	ng		93
63) Azobenzene	10.64	77	559043	32.182	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	68756	43.006	ng	#	68
66) n-Nitrosodiphenylamine	10.60	169	500056	37.785	ng		98
67) 4-Bromophenyl-phenylether	10.97	248	180177	36.846	ng		98
68) Hexachlorobenzene	11.05	284	202294	37.103	ng	#	94
69) Atrazine	11.13	200	154533	33.612	ng		93
70) Pentachlorophenol	11.24	266	204026	60.531	ng		95
71) Phenanthrene	11.46	178	807383	38.615	ng		93
72) Anthracene	11.50	178	803063	38.265	ng		95
73) Carbazole	11.66	167	679562	33.352	ng		95
74) Di-n-butylphthalate	11.99	149	873986	38.257	ng		96
75) Fluoranthene	12.65	202	811332	38.320	ng		94
77) Benzidine	12.73	184	5578m	0.408	ng		
78) Pyrene	12.87	202	833109	32.489	ng		94
80) Butylbenzylphthalate	13.49	149	372909	35.676	ng	#	90
81) Benzo(a)anthracene	14.06	228	780736	37.675	ng		97
82) 3,3'-Dichlorobenzidine	14.04	252	2877	0.351	ng	#	58
83) Chrysene	14.10	228	722303	35.463	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	534710	40.612	ng		98
85) Di-n-octyl phthalate	14.66	149	874144	42.852	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	508148	29.348	ng	#	87
88) Benzo(b)fluoranthene	15.12	252	663882m	41.855	ng		
89) Benzo(k)fluoranthene	15.15	252	569477	37.713	ng		97
90) Benzo(a)pyrene	15.50	252	544809	37.807	ng	#	95
91) Dibenzo(a,h)anthracene	17.09	278	431513	34.197	ng	#	91
92) Benzo(g,h,i)perylene	17.53	276	403269	32.728	ng	#	86

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

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