Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107140.D
Acq On : 5 Jul 2018 21:20
Operator : JU/SJ
Sample : J3840-17MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-DMS

Manual Integrations APPROVED
Sohil
7/6/2018 11:38:07 AM

Quant Time: Jul 06 04:46:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	55399	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	201639	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	92451	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	160970	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	164631	20.00	ng		-0.02
86) Perylene-d12	15.67	264	126870	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	296973	90.77	ng		0.00
7) Phenol-d6	6.60	99	364320	89.17	ng		-0.01
23) Nitrobenzene-d5	7.52	82	229307	63.20	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	97745	91.22	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	411511	73.31	ng		-0.02
78) Terphenyl-d14	13.07	244	448510	65.99	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	39301	23.366	ng		96
3) Pyridine	3.61	79	106414	23.328	ng		98
4) n-Nitrosodimethylamine	3.57	42	46431	23.965	ng		82
6) Aniline	6.61	93	133379	24.067	ng	#	39
8) 2-Chlorophenol	6.74	128	110155	30.698	ng		98
9) Benzaldehyde	6.51	77	53922	16.561	ng		96
10) Phenol	6.61	94	139825	29.988	ng	#	63
11) bis(2-Chloroethyl)ether	6.68	93	109373	28.414	ng		96
12) 1,3-Dichlorobenzene	6.89	146	126783	30.166	ng		98
13) 1,4-Dichlorobenzene	6.97	146	127930	30.108	ng		98
14) 1,2-Dichlorobenzene	7.12	146	119823	30.771	ng		98
15) Benzyl Alcohol	7.10	79	93695	28.560	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	154132	30.519	ng		56
17) 2-Methylphenol	7.21	107	90174	29.365	ng	#	90
18) Hexachloroethane	7.45	117	35510	23.765	ng	#	88
19) n-Nitroso-di-n-propylamine	7.35	70	77104	28.630	ng		96
20) 3+4-Methylphenols	7.37	107	119578	33.621	ng		95
22) Acetophenone	7.35	105	152935	33.901	ng	#	98
24) Nitrobenzene	7.54	77	115227	31.106	ng		96
25) Isophorone	7.77	82	208592	32.625	ng		98
26) 2-Nitrophenol	7.85	139	51619	29.518	ng		100
27) 2,4-Dimethylphenol	7.88	122	95683	35.400	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	135239	31.503	ng		99
29) 2,4-Dichlorophenol	8.10	162	96012	33.929	ng		92
30) 1,2,4-Trichlorobenzene	8.17	180	105853	33.956	ng		97
31) Naphthalene	8.25	128	306825	32.547	ng		99
32) Benzoic acid	7.98	122	12689m	11.414	ng		
33) 4-Chloroaniline	8.31	127	103959	26.281	ng		99
34) Hexachlorobutadiene	8.36	225	68741	33.842	ng		99
35) Caprolactam	8.67	113	25812	27.983	ng		97
36) 4-Chloro-3-methylphenol	8.80	107	92198	30.954	ng		97
37) 2-Methylnaphthalene	8.95	142	218700	35.000	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	111796	35.907	ng	#	96
42) 2,4,6-Trichlorophenol	9.23	196	64093	30.969	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	64404	29.823	ng	#	88
45) 1,1'-Biphenyl	9.41	154	260295	35.328	ng		97
46) 2-Chloronaphthalene	9.44	162	182444	31.458	ng		96
47) 2-Nitroaniline	9.54	65	57748	29.611	ng		97
48) Acenaphthylene	9.85	152	281750	30.771	ng		99
49) Dimethylphthalate	9.70	163	293130	42.275	ng		99
50) 2,6-Dinitrotoluene	9.78	165	45662	31.099	ng		87
51) Acenaphthene	10.02	154	167345	29.023	ng		98
52) 3-Nitroaniline	9.95	138	46954	27.790	ng		97
53) 2,4-Dinitrophenol	10.07	184	3391	9.498	ng	#	26
54) Dibenzofuran	10.20	168	254953	32.292	ng		97
55) 4-Nitrophenol	10.14	139	43435	36.829	ng		93
56) 2,4-Dinitrotoluene	10.19	165	54231	28.297	ng	#	87
57) Fluorene	10.54	166	197649	31.547	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	48162	28.056	ng	#	81
59) Diethylphthalate	10.40	149	205538	30.712	ng		95
60) 4-Chlorophenyl-phenylether	10.52	204	103786	31.660	ng		88
61) 4-Nitroaniline	10.57	138	45831	27.332	ng		97
62) Azobenzene	10.69	77	177287	26.901	ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	5819	5.848	ng		79
65) n-Nitrosodiphenylamine	10.65	169	169862	31.373	ng		100
66) 4-Bromophenyl-phenylether	11.02	248	66855	34.801	ng	#	80
67) Hexachlorobenzene	11.10	284	67723	33.682	ng	#	79
68) Atrazine	11.17	200	57444	33.374	ng		96
69) Pentachlorophenol	11.30	266	28118	28.027	ng		98
70) Phenanthrene	11.51	178	266726	34.355	ng		98
71) Anthracene	11.57	178	277424	35.008	ng		99
72) Carbazole	11.72	167	247806	33.400	ng		97
73) Di-n-butylphthalate	12.03	149	285965	32.716	ng		98
74) Fluoranthene	12.71	202	301332	35.213	ng		94
76) Benzidine	12.82	184	219776	46.874	ng		97
77) Pyrene	12.94	202	305659	28.155	ng		99
79) Butylbenzylphthalate	13.54	149	119690	26.815	ng	#	91
80) Benzo(a)anthracene	14.13	228	313179	31.212	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	117746	33.389	ng	#	97
82) Chrysene	14.17	228	293274	31.771	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	162833	28.535	ng	#	97
84) Di-n-octyl phthalate	14.71	149	301578	32.421	ng	#	96
85) Indeno(1,2,3-cd)pyrene	17.26	276	202511	25.851	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	254036	32.234	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	250847	33.423	ng	#	95
89) Benzo(a)pyrene	15.61	252	225158	32.137	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	172406	29.036	ng	#	92
91) Benzo(g,h,i)perylene	17.74	276	165269	28.477	ng	#	91

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

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