Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107460.D
Acq On : 17 Jul 2018 20:08
Operator : JU/SJ
Sample : J3906-02MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-1@3MSD

Manual Integrations APPROVED
Sohil
7/18/2018 10:44:16 AM

Quant Time: Jul 18 01:50:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 11:29:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	102232	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	379216	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	197679	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	371397	20.00	ng		0.00
75) Chrysene-d12	14.18	240	330337	20.00	ng		0.00
86) Perylene-d12	15.71	264	204119	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	752329	111.76	ng		0.01
7) Phenol-d6	6.62	99	954149	109.64	ng		0.01
23) Nitrobenzene-d5	7.55	82	696018	97.87	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	193054	111.15	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1098745	93.80	ng		0.00
78) Terphenyl-d14	13.11	244	1115352	83.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	111644	33.595	ng		92
3) Pyridine	3.68	79	302258	33.722	ng		89
4) n-Nitrosodimethylamine	3.63	42	169018	45.922	ng	#	86
6) Aniline	6.65	93	170357	14.808	ng	#	88
8) 2-Chlorophenol	6.78	128	290607	42.690	ng		98
9) Benzaldehyde	6.54	77	205401	29.339	ng		96
10) Phenol	6.63	94	416275	44.615	ng	#	71
11) bis(2-Chloroethyl)ether	6.72	93	305343	40.102	ng		97
12) 1,3-Dichlorobenzene	6.93	146	318326	38.516	ng	#	89
13) 1,4-Dichlorobenzene	7.01	146	319978	39.056	ng	#	93
14) 1,2-Dichlorobenzene	7.16	146	291392m	38.013	ng		
15) Benzyl Alcohol	7.12	79	344582	39.425	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	7.25	45	313372	38.569	ng		80
17) 2-Methylphenol	7.24	107	273104	42.195	ng	#	81
18) Hexachloroethane	7.50	117	80676	26.465	ng		87
19) n-Nitroso-di-n-propylamine	7.40	70	244368	39.216	ng		96
20) 3+4-Methylphenols	7.38	107	310276	37.738	ng	#	69
22) Acetophenone	7.40	105	429354	41.208	ng	#	86
24) Nitrobenzene	7.57	77	370354	46.341	ng		92
25) Isophorone	7.81	82	635937	45.115	ng	#	95
26) 2-Nitrophenol	7.88	139	120862	44.488	ng	#	63
27) 2,4-Dimethylphenol	7.91	122	259614	45.827	ng	#	76
28) bis(2-Chloroethoxy)methane	8.01	93	367766	41.660	ng	#	97
29) 2,4-Dichlorophenol	8.12	162	255153	43.281	ng		92
30) 1,2,4-Trichlorobenzene	8.21	180	296066	41.472	ng		95
31) Naphthalene	8.30	128	802936	43.591	ng		99
32) Benzoic acid	8.02	122	112215m	32.275	ng		
33) 4-Chloroaniline	8.34	127	93612	11.735	ng	#	88
34) Hexachlorobutadiene	8.40	225	199321	41.727	ng		97
35) Caprolactam	8.71	113	87071m	45.404	ng		
36) 4-Chloro-3-methylphenol	8.82	107	329022	42.713	ng	#	77
37) 2-Methylnaphthalene	8.98	142	548214	45.152	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	319919	41.588	ng		96
40) Hexachlorocyclopentadiene	9.13	237	21039	5.236	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	200829	41.823	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	199693	43.471	ng	#	91
45) 1,1'-Biphenyl	9.45	154	674658	39.474	ng		95
46) 2-Chloronaphthalene	9.48	162	549437	40.702	ng		97
47) 2-Nitroaniline	9.57	65	224595	54.368	ng	#	79
48) Acenaphthylene	9.90	152	788574	41.860	ng		97
49) Dimethylphthalate	9.75	163	895286	57.002	ng		100
50) 2,6-Dinitrotoluene	9.81	165	145058	48.399	ng		87
51) Acenaphthene	10.07	154	475600	38.083	ng		93
52) 3-Nitroaniline	9.98	138	92311	29.323	ng	#	88
53) 2,4-Dinitrophenol	10.08	184	5610	9.435	ng	#	82
54) Dibenzofuran	10.24	168	753139	39.025	ng		91
55) 4-Nitrophenol	10.14	139	194920	76.519	ng	#	42
56) 2,4-Dinitrotoluene	10.22	165	169497	43.388	ng	#	88
57) Fluorene	10.58	166	546265	42.739	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	166083	37.324	ng	#	88
59) Diethylphthalate	10.44	149	644427	42.233	ng		98
60) 4-Chlorophenyl-phenylether	10.57	204	313199	41.139	ng		99
61) 4-Nitroaniline	10.60	138	130803	43.661	ng	#	53
62) Azobenzene	10.73	77	668106	37.285	ng		87
64) 4,6-Dinitro-2-methylphenol	10.62	198	7050	10.479	ng		92
65) n-Nitrosodiphenylamine	10.69	169	520682	44.389	ng		96
66) 4-Bromophenyl-phenylether	11.07	248	180318	42.437	ng		97
67) Hexachlorobenzene	11.13	284	167751	42.649	ng		96
68) Atrazine	11.21	200	186145	41.994	ng		94
69) Pentachlorophenol	11.32	266	169992	58.484	ng		95
70) Phenanthrene	11.55	178	874283	47.236	ng		98
71) Anthracene	11.60	178	831615	45.110	ng		99
72) Carbazole	11.75	167	706817	40.498	ng		96
73) Di-n-butylphthalate	12.07	149	913478	45.543	ng	#	97
74) Fluoranthene	12.74	202	987881	46.959	ng		93
76) Benzidine	12.86	184	475876	37.119	ng		95
77) Pyrene	12.98	202	975894	43.443	ng		99
79) Butylbenzylphthalate	13.58	149	374260	45.739	ng	#	78
80) Benzo(a)anthracene	14.17	228	886865	43.878	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	283957	41.890	ng	#	97
82) Chrysene	14.20	228	844208	43.724	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	511361	43.611	ng	#	95
84) Di-n-octyl phthalate	14.75	149	908248	49.829	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.29	276	444528	32.345	ng	#	91
87) Benzo(b)fluoranthene	15.25	252	670698	56.138	ng	#	95
88) Benzo(k)fluoranthene	15.28	252	538921	46.221	ng	#	96
89) Benzo(a)pyrene	15.65	252	522884	47.683	ng	#	94
90) Dibenzo(a,h)anthracene	17.31	278	360654	43.578	ng	#	87
91) Benzo(g,h,i)perylene	17.78	276	372249	44.266	ng	#	89

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

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