Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107035.D
Acq On : 2 Jul 2018 11:01
Operator : JU/SJ
Sample : J3749-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Manual Integrations APPROVED
Sohil
7/3/2018 5:29:40 PM

Quant Time: Jul 02 12:25:19 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	77567	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	305929	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	153824	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	272806	20.00	ng		0.00
75) Chrysene-d12	14.16	240	206028	20.00	ng		0.00
86) Perylene-d12	15.71	264	183316	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	487709	106.47	ng		0.00
7) Phenol-d6	6.61	99	623266	108.95	ng		0.00
23) Nitrobenzene-d5	7.52	82	397868	72.27	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	192781	108.13	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	713069	77.09	ng		-0.01
78) Terphenyl-d14	13.08	244	705446	82.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	49649	21.082	ng		98
3) Pyridine	3.61	79	146804	22.985	ng		98
4) n-Nitrosodimethylamine	3.56	42	67543	24.899	ng		81
6) Aniline	6.63	93	98382	12.678	ng	#	1
8) 2-Chlorophenol	6.75	128	163866	32.615	ng		99
9) Benzaldehyde	6.51	77	92140	20.764	ng		97
10) Phenol	6.63	94	214259	32.819	ng		95
11) bis(2-Chloroethyl)ether	6.69	93	207803	38.557	ng		96
12) 1,3-Dichlorobenzene	6.90	146	185113	31.458	ng		99
13) 1,4-Dichlorobenzene	6.97	146	185100	31.113	ng		99
14) 1,2-Dichlorobenzene	7.12	146	174692	32.040	ng		99
15) Benzyl Alcohol	7.11	79	133624	29.091	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	218401	30.885	ng	#	43
17) 2-Methylphenol	7.22	107	136537	31.756	ng	#	89
18) Hexachloroethane	7.47	117	60119	28.736	ng	#	84
19) n-Nitroso-di-n-propylamine	7.37	70	114251	30.299	ng		95
20) 3+4-Methylphenols	7.38	107	184582	38.103	ng		95
22) Acetophenone	7.37	105	232417	33.957	ng		97
24) Nitrobenzene	7.54	77	179868	32.003	ng		98
25) Isophorone	7.78	82	310512	32.010	ng		99
26) 2-Nitrophenol	7.86	139	93609	35.282	ng		93
27) 2,4-Dimethylphenol	7.90	122	152295	37.137	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	205108	31.491	ng		98
29) 2,4-Dichlorophenol	8.11	162	155099	36.125	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	164199	34.717	ng		97
31) Naphthalene	8.27	128	489508	34.224	ng		100
33) 4-Chloroaniline	8.32	127	122713	20.447	ng		98
34) Hexachlorobutadiene	8.37	225	107143	34.766	ng		97
35) Caprolactam	8.69	113	46098	32.939	ng		97
36) 4-Chloro-3-methylphenol	8.81	107	152157	33.670	ng		98
37) 2-Methylnaphthalene	8.95	142	356212	37.573	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	182583	35.246	ng	#	95
42) 2,4,6-Trichlorophenol	9.24	196	108800	31.596	ng		93
43) 2,4,5-Trichlorophenol	9.29	196	111530	31.040	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.42	154	417019	34.017	ng		97
46) 2-Chloronaphthalene	9.45	162	300663	31.158	ng		95
47) 2-Nitroaniline	9.55	65	96161	29.635	ng		96
48) Acenaphthylene	9.87	152	497022	32.624	ng		99
49) Dimethylphthalate	9.71	163	502000	43.512	ng		98
50) 2,6-Dinitrotoluene	9.79	165	81917	33.531	ng	#	84
51) Acenaphthene	10.04	154	304735	31.765	ng		98
52) 3-Nitroaniline	9.96	138	64224	22.845	ng		99
53) 2,4-Dinitrophenol	10.08	184	5618	9.480	ng	#	23
54) Dibenzofuran	10.21	168	445995	33.951	ng		96
55) 4-Nitrophenol	10.14	139	80609	41.079	ng		98
56) 2,4-Dinitrotoluene	10.20	165	102000	31.987	ng		89
57) Fluorene	10.55	166	361111	34.641	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	93145	32.611	ng	#	77
59) Diethylphthalate	10.41	149	333208	29.924	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	175667	32.207	ng	#	86
61) 4-Nitroaniline	10.58	138	69192	24.800	ng		94
62) Azobenzene	10.70	77	294598	26.866	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	25554	15.154	ng	#	70
65) n-Nitrosodiphenylamine	10.66	169	290139	31.620	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	116899	35.905	ng	#	78
67) Hexachlorobenzene	11.10	284	113745	33.379	ng	#	86
68) Atrazine	11.18	200	97332	33.367	ng		97
69) Pentachlorophenol	11.31	266	64311	37.824	ng		99
70) Phenanthrene	11.52	178	812084	61.718	ng		99
71) Anthracene	11.58	178	584793	43.542	ng		100
72) Carbazole	11.73	167	391926	31.169	ng		98
73) Di-n-butylphthalate	12.04	149	452014	30.514	ng		100
74) Fluoranthene	12.72	202	1156669	79.755	ng		95
76) Benzidine	12.84	184	25675	4.376	ng	#	91
77) Pyrene	12.95	202	1118741	82.344	ng		97
79) Butylbenzylphthalate	13.55	149	161206	28.859	ng	#	89
80) Benzo(a)anthracene	14.15	228	840554	66.940	ng		98
81) 3,3'-Dichlorobenzidine	14.10	252	93877	21.272	ng	#	96
82) Chrysene	14.19	228	750603	64.975	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	229338	32.114	ng	#	96
84) Di-n-octyl phthalate	14.74	149	361864	31.086	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.32	276	449800	45.882	ng	#	87
87) Benzo(b)fluoranthene	15.25	252	827654	72.681	ng		95
88) Benzo(k)fluoranthene	15.28	252	494738	45.622	ng	#	96
89) Benzo(a)pyrene	15.65	252	655083m	64.711	ng		
90) Dibenzo(a,h)anthracene	17.32	278	275363	32.096	ng	#	92
91) Benzo(g,h,i)perylene	17.81	276	407960	48.650	ng	#	88

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

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