Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107865.D
Acq On : 31 Jul 2018 22:20
Operator : JU/SJ
Sample : J4236-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Manual Integrations APPROVED
Sohil
8/1/2018 3:57:31 PM

Quant Time: Aug 01 03:45:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166023	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	705410	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	299549	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	512906	20.00	ng		0.00
75) Chrysene-d12	14.15	240	397148	20.00	ng		0.00
86) Perylene-d12	15.68	264	409807	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	967837	99.08	ng		0.00
7) Phenol-d6	6.61	99	1183809	91.95	ng		0.00
23) Nitrobenzene-d5	7.53	82	778323	63.57	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	340457	83.64	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1397294	65.00	ng		0.00
78) Terphenyl-d14	13.08	244	1121351	61.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	107053	26.332	ng		87
3) Pyridine	3.64	79	251274	25.311	ng		86
4) n-Nitrosodimethylamine	3.61	42	65655	13.209	ng		96
6) Aniline	6.64	93	384948	28.747	ng	#	69
8) 2-Chlorophenol	6.75	128	378415	30.839	ng		95
9) Benzaldehyde	6.52	77	143364	18.456	ng		97
10) Phenol	6.62	94	433521	28.236	ng		91
11) bis(2-Chloroethyl)ether	6.70	93	310352	22.733	ng		95
12) 1,3-Dichlorobenzene	6.90	146	371794	28.889	ng		98
13) 1,4-Dichlorobenzene	6.98	146	419514	29.283	ng		99
14) 1,2-Dichlorobenzene	7.13	146	365064	27.451	ng		100
15) Benzyl Alcohol	7.11	79	255474	31.926	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	606840	30.916	ng		71
17) 2-Methylphenol	7.22	107	303880	33.547	ng	#	84
18) Hexachloroethane	7.47	117	138455	26.887	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	260551	31.903	ng		96
20) 3+4-Methylphenols	7.38	107	367582	33.052	ng	#	64
22) Acetophenone	7.37	105	554070	32.648	ng	#	91
24) Nitrobenzene	7.55	77	364432	28.384	ng		99
25) Isophorone	7.78	82	738715	36.753	ng		99
26) 2-Nitrophenol	7.87	139	207023	32.129	ng		96
27) 2,4-Dimethylphenol	7.90	122	321828	37.305	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	466915	35.250	ng		99
29) 2,4-Dichlorophenol	8.11	162	317697	32.557	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	335517	30.139	ng		98
31) Naphthalene	8.27	128	1135460	34.628	ng		99
32) Benzoic acid	8.01	122	20372m	4.895	ng		
33) 4-Chloroaniline	8.32	127	382642	27.320	ng		99
34) Hexachlorobutadiene	8.37	225	191709	27.868	ng		99
35) Caprolactam	8.68	113	95225	32.416	ng	#	80
36) 4-Chloro-3-methylphenol	8.81	107	341501	32.224	ng		97
37) 2-Methylnaphthalene	8.95	142	735737	35.720	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	351124	34.380	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	73221	22.526	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	201547	35.696	ng		96
43) 2,4,5-Trichlorophenol	9.29	196	247571	36.422	ng		98
45) 1,1'-Biphenyl	9.42	154	934525	34.281	ng		99
46) 2-Chloronaphthalene	9.45	162	680841	33.119	ng		99
47) 2-Nitroaniline	9.56	65	227984	34.095	ng		92
48) Acenaphthylene	9.87	152	1085049	34.046	ng		99
49) Dimethylphthalate	9.71	163	876462	38.960	ng		99
50) 2,6-Dinitrotoluene	9.79	165	160529	32.835	ng		90
51) Acenaphthene	10.04	154	624434	33.729	ng		100
52) 3-Nitroaniline	9.97	138	169635	27.536	ng		97
53) 2,4-Dinitrophenol	10.12	184	3386	9.616	ng	#	58
54) Dibenzofuran	10.21	168	929263	32.475	ng		99
55) 4-Nitrophenol	10.15	139	117744	45.195	ng		89
56) 2,4-Dinitrotoluene	10.20	165	197947	30.805	ng	#	91
57) Fluorene	10.55	166	722892	32.507	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	204219	32.711	ng	#	81
59) Diethylphthalate	10.41	149	795048	32.870	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	363493	30.005	ng		89
61) 4-Nitroaniline	10.60	138	156978	28.713	ng		89
62) Azobenzene	10.70	77	699473	31.051	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	24379	8.737	ng	#	82
65) n-Nitrosodiphenylamine	10.67	169	651257	38.562	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	218728	36.588	ng	#	85
67) Hexachlorobenzene	11.10	284	213415	32.193	ng	#	90
68) Atrazine	11.18	200	184697	36.951	ng		96
69) Pentachlorophenol	11.31	266	150540	46.130	ng		96
70) Phenanthrene	11.52	178	948109	38.930	ng		100
71) Anthracene	11.58	178	1002640	35.693	ng		100
72) Carbazole	11.74	167	873092	31.451	ng		99
73) Di-n-butylphthalate	12.04	149	1073895	35.459	ng		99
74) Fluoranthene	12.72	202	972413	33.987	ng		96
76) Benzidine	12.85	184	567437	44.190	ng		98
77) Pyrene	12.95	202	932981	32.624	ng		98
79) Butylbenzylphthalate	13.55	149	376007	30.024	ng		89
80) Benzo(a)anthracene	14.14	228	801644	35.633	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	284184	32.587	ng	#	98
82) Chrysene	14.18	228	869949	35.852	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	508071	32.271	ng		100
84) Di-n-octyl phthalate	14.72	149	955130	37.797	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	632240	34.255	ng		95
87) Benzo(b)fluoranthene	15.22	252	763932	37.797	ng		98
88) Benzo(k)fluoranthene	15.26	252	872006m	35.141	ng		
89) Benzo(a)pyrene	15.62	252	747185	35.810	ng		99
90) Dibenzo(a,h)anthracene	17.28	278	539861	29.662	ng		96
91) Benzo(g,h,i)perylene	17.75	276	506218	28.745	ng		94

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

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