Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107814.D
Acq On : 30 Jul 2018 21:40
Operator : JU/SJ
Sample : J4164-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(7-9)MS

Manual Integrations APPROVED
Sohil
7/31/2018 2:42:42 PM

Quant Time: Jul 31 03:31:39 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	203892	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	830227	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	383723	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	767858	20.00	ng		0.00
75) Chrysene-d12	14.15	240	469514	20.00	ng		0.00
86) Perylene-d12	15.68	264	564526	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1494175	124.55	ng		0.01
7) Phenol-d6	6.61	99	1844901	116.68	ng		0.00
23) Nitrobenzene-d5	7.53	82	1254734	87.07	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	599429	114.96	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2078627	75.49	ng		0.00
78) Terphenyl-d14	13.08	244	2016035	93.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	199636	36.981	ng		87
3) Pyridine	3.64	79	506488	37.533	ng	#	84
4) n-Nitrosodimethylamine	3.61	42	198331	32.491	ng		96
6) Aniline	6.64	93	602594	36.642	ng	#	57
8) 2-Chlorophenol	6.76	128	646467	42.899	ng		96
9) Benzaldehyde	6.52	77	330074	34.601	ng		97
10) Phenol	6.62	94	770610	40.870	ng		87
11) bis(2-Chloroethyl)ether	6.70	93	601537	35.878	ng		95
12) 1,3-Dichlorobenzene	6.90	146	656652	41.546	ng		98
13) 1,4-Dichlorobenzene	6.98	146	731966	41.603	ng		98
14) 1,2-Dichlorobenzene	7.13	146	638031	39.066	ng		99
15) Benzyl Alcohol	7.11	79	470991	47.926	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	1018452	42.250	ng		63
17) 2-Methylphenol	7.22	107	535565	48.143	ng	#	81
18) Hexachloroethane	7.47	117	243872	38.563	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	448724	44.739	ng		98
20) 3+4-Methylphenols	7.38	107	684046	50.084	ng	#	65
22) Acetophenone	7.37	105	936172	46.869	ng	#	92
24) Nitrobenzene	7.55	77	676324	44.757	ng		97
25) Isophorone	7.78	82	1284151	54.285	ng		99
26) 2-Nitrophenol	7.87	139	378901	49.962	ng		96
27) 2,4-Dimethylphenol	7.90	122	590679	58.176	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	847596	54.370	ng		99
29) 2,4-Dichlorophenol	8.11	162	569732	49.608	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	571590	43.626	ng		98
31) Naphthalene	8.27	128	2156545	55.880	ng		98
32) Benzoic acid	7.95	122	63418m	10.453	ng		
33) 4-Chloroaniline	8.32	127	393740	23.886	ng		97
34) Hexachlorobutadiene	8.37	225	321794	39.745	ng		100
35) Caprolactam	8.70	113	174477m	50.465	ng		
36) 4-Chloro-3-methylphenol	8.81	107	625781	50.171	ng		98
37) 2-Methylnaphthalene	8.96	142	1298757	53.575	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	597960	45.705	ng		97
40) Hexachlorocyclopentadiene	9.10	237	277110	52.059	ng		99

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42) 2,4,6-Trichlorophenol	9.24	196	386326	53.414	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	420660	48.311	ng		95
45) 1,1'-Biphenyl	9.42	154	1569756	44.952	ng		100
46) 2-Chloronaphthalene	9.45	162	1168306	44.365	ng		97
47) 2-Nitroaniline	9.56	65	449536	52.481	ng		89
48) Acenaphthylene	9.87	152	1972162	48.307	ng		98
49) Dimethylphthalate	9.72	163	1538802	53.398	ng		99
50) 2,6-Dinitrotoluene	9.80	165	309772	49.463	ng		93
51) Acenaphthene	10.04	154	1156579	48.769	ng		99
52) 3-Nitroaniline	9.98	138	245681	31.132	ng		96
53) 2,4-Dinitrophenol	10.11	184	21642	14.305	ng	#	65
54) Dibenzofuran	10.21	168	1698228	46.330	ng		98
55) 4-Nitrophenol	10.15	139	327176	87.148	ng		90
56) 2,4-Dinitrotoluene	10.20	165	386780	46.989	ng	#	91
57) Fluorene	10.56	166	1449028	50.866	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	360123	45.029	ng	#	86
59) Diethylphthalate	10.42	149	1412603	45.591	ng		96
60) 4-Chlorophenyl-phenylether	10.54	204	634898	40.912	ng		94
61) 4-Nitroaniline	10.60	138	306185	43.720	ng		93
62) Azobenzene	10.71	77	1328757	46.047	ng		90
64) 4,6-Dinitro-2-methylphenol	10.61	198	103233	24.712	ng		88
65) n-Nitrosodiphenylamine	10.67	169	1178925	46.628	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	394324	44.060	ng	#	86
67) Hexachlorobenzene	11.10	284	418010	42.119	ng		92
68) Atrazine	11.20	200	363479	48.573	ng		95
69) Pentachlorophenol	11.31	266	384198	78.640	ng		99
70) Phenanthrene	11.53	178	2267327	62.186	ng		98
71) Anthracene	11.58	178	2244176	53.364	ng		97
72) Carbazole	11.74	167	1943254	46.759	ng		99
73) Di-n-butylphthalate	12.04	149	2038310	44.957	ng		98
74) Fluoranthene	12.72	202	2895855	67.607	ng		97
76) Benzidine	12.85	184	869873	57.302	ng		97
77) Pyrene	12.95	202	2673505	79.077	ng		97
79) Butylbenzylphthalate	13.55	149	795258	53.714	ng		96
80) Benzo(a)anthracene	14.14	228	1907314	71.713	ng		95
81) 3,3'-Dichlorobenzidine	14.10	252	387065	37.543	ng		97
82) Chrysene	14.18	228	1745661	60.853	ng		97
83) Bis(2-ethylhexyl)phthalate	14.10	149	1003345	53.907	ng		98
84) Di-n-octyl phthalate	14.72	149	1657935	55.496	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	1774380	81.319	ng		95
87) Benzo(b)fluoranthene	15.23	252	1826605	65.605	ng		97
88) Benzo(k)fluoranthene	15.26	252	1531770	44.810	ng		99
89) Benzo(a)pyrene	15.62	252	1745219	60.718	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	1341694	53.513	ng		97
91) Benzo(g,h,i)perylene	17.76	276	1477123	60.888	ng		95

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

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