Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108752.D
Acq On : 4 Sep 2018 20:22
Operator : JU/SJ
Sample : J4748-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11MS

Manual Integrations APPROVED
Sohil
9/5/2018 12:47:44 PM

Quant Time: Sep 05 05:35:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	70585	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	265164	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	124847	20.00	ng		-0.01
63) Phenanthrene-d10	11.53	188	260657	20.00	ng		-0.02
75) Chrysene-d12	14.19	240	184338	20.00	ng		-0.01
86) Perylene-d12	15.74	264	134840	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	332272	81.78	ng		-0.02
7) Phenol-d6	6.62	99	497897	85.56	ng		-0.02
23) Nitrobenzene-d5	7.56	82	345005	66.04	ng		-0.01
41) 2,4,6-Tribromophenol	10.83	330	145896	88.52	ng		-0.02
44) 2-Fluorobiphenyl	9.34	172	611795	65.89	ng		-0.02
78) Terphenyl-d14	13.11	244	743595	78.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	66677	35.311	ng		94
3) Pyridine	3.70	79	114425	26.227	ng	#	85
4) n-Nitrosodimethylamine	3.67	42	55976	25.721	ng		79
6) Aniline	6.68	93	165282	26.320	ng	#	82
8) 2-Chlorophenol	6.78	128	196953	39.644	ng		95
9) Benzaldehyde	6.64	77	84870m	23.596	ng		
10) Phenol	6.64	94	196367	28.936	ng		81
11) bis(2-Chloroethyl)ether	6.72	93	228214	38.191	ng		98
12) 1,3-Dichlorobenzene	6.93	146	207288	35.987	ng		97
13) 1,4-Dichlorobenzene	7.01	146	242817	38.618	ng		97
14) 1,2-Dichlorobenzene	7.16	146	227937	39.472	ng		98
15) Benzyl Alcohol	7.15	79	119421m	28.528	ng		
16) 2,2'-oxybis(1-Chloropropan	7.25	45	359774	39.246	ng		77
17) 2-Methylphenol	7.24	107	135523	35.086	ng	#	76
18) Hexachloroethane	7.50	117	69940	32.344	ng		94
19) n-Nitroso-di-n-propylamine	7.39	70	144522	37.084	ng		90
20) 3+4-Methylphenols	7.40	107	150022	30.999	ng	#	11
22) Acetophenone	7.40	105	294146	44.436	ng	#	88
24) Nitrobenzene	7.58	77	195667	36.939	ng		91
25) Isophorone	7.80	82	405556	46.734	ng		95
26) 2-Nitrophenol	7.90	139	71422	29.785	ng		92
27) 2,4-Dimethylphenol	7.92	122	169087	48.485	ng		95
28) bis(2-Chloroethoxy)methane	8.01	93	227553	41.509	ng		98
29) 2,4-Dichlorophenol	8.14	162	157798	38.140	ng		98
30) 1,2,4-Trichlorobenzene	8.21	180	181078	39.138	ng		97
31) Naphthalene	8.30	128	581813	46.066	ng		99
32) Benzoic acid	8.01	122	34418m	15.389	ng		
33) 4-Chloroaniline	8.36	127	142714	25.597	ng		92
34) Hexachlorobutadiene	8.40	225	120723	39.740	ng		99
35) Caprolactam	8.71	113	37746	34.238	ng	#	73
36) 4-Chloro-3-methylphenol	8.83	107	159134	35.837	ng		99
37) 2-Methylnaphthalene	8.98	142	357494	41.835	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	187874	42.388	ng	#	97
40) Hexachlorocyclopentadiene	9.13	237	11630	12.706	ng		91

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42) 2,4,6-Trichlorophenol	9.27	196	97651	37.205	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	138381	45.212	ng		91
45) 1,1'-Biphenyl	9.45	154	459511	42.278	ng		97
46) 2-Chloronaphthalene	9.48	162	350419	41.183	ng		99
47) 2-Nitroaniline	9.59	65	118449	41.622	ng		86
48) Acenaphthylene	9.90	152	542719	43.567	ng		99
49) Dimethylphthalate	9.74	163	580497	59.047	ng	#	99
50) 2,6-Dinitrotoluene	9.82	165	79113	36.507	ng		92
51) Acenaphthene	10.07	154	312223	41.919	ng		99
52) 3-Nitroaniline	10.01	138	100855	43.022	ng		94
54) Dibenzofuran	10.24	168	467495	40.112	ng		94
55) 4-Nitrophenol	10.20	139	58644	41.639	ng		84
56) 2,4-Dinitrotoluene	10.23	165	95641	33.332	ng	#	90
57) Fluorene	10.58	166	383209	42.427	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	116076	42.333	ng	#	80
59) Diethylphthalate	10.44	149	402292	40.616	ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	196746	38.387	ng		93
61) 4-Nitroaniline	10.64	138	89595	39.495	ng		93
62) Azobenzene	10.74	77	385024	39.109	ng		93
65) n-Nitrosodiphenylamine	10.70	169	351023	40.534	ng		94
66) 4-Bromophenyl-phenylether	11.07	248	130026	40.588	ng	#	86
67) Hexachlorobenzene	11.14	284	130193	37.722	ng	#	85
68) Atrazine	11.21	200	111337	47.591	ng		95
69) Pentachlorophenol	11.34	266	100214	54.644	ng		98
70) Phenanthrene	11.55	178	539123	40.977	ng		98
71) Anthracene	11.61	178	647426	46.833	ng		99
72) Carbazole	11.77	167	543186	40.636	ng		98
73) Di-n-butylphthalate	12.07	149	635158	41.300	ng		99
74) Fluoranthene	12.75	202	655974	44.294	ng		93
76) Benzidine	12.88	184	437421	84.300	ng		97
77) Pyrene	12.98	202	636055	45.901	ng		99
79) Butylbenzylphthalate	13.58	149	273581	46.952	ng		98
80) Benzo(a)anthracene	14.18	228	458254	40.778	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	184715	45.324	ng	#	95
82) Chrysene	14.21	228	480012	44.417	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	364135	48.619	ng		99
84) Di-n-octyl phthalate	14.75	149	535735	48.651	ng		96
85) Indeno(1,2,3-cd)pyrene	17.36	276	336865	44.829	ng	#	89
87) Benzo(b)fluoranthene	15.27	252	335269	40.476	ng	#	96
88) Benzo(k)fluoranthene	15.30	252	356190	43.409	ng	#	95
89) Benzo(a)pyrene	15.68	252	316798	42.322	ng	#	95
90) Dibenzo(a,h)anthracene	17.37	278	284486	47.585	ng	#	92
91) Benzo(g,h,i)perylene	17.85	276	274033	47.161	ng	#	86

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

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