Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108208.D
Acq On : 16 Aug 2018 21:18
Operator : JU/SJ
Sample : J4499-08MS 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 17 04:40:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MS

Manual Integrations APPROVED

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8/17/2018 3:30:54 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	162479	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	577865	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	244583	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	434790	20.00	ng		0.00
75) Chrysene-d12	14.21	240	440089	20.00	ng		0.00
86) Perylene-d12	15.77	264	312230	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	307669	34.28	ng		0.00
7) Phenol-d6	6.63	99	395101	33.13	ng		0.00
23) Nitrobenzene-d5	7.57	82	252913	24.42	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	78491	32.17	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	430842	28.28	ng		0.00
78) Terphenyl-d14	13.14	244	427061	24.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	37678	8.171	ng	#	88
3) Pyridine	3.68	79	104139	8.767	ng		87
4) n-Nitrosodimethylamine	3.62	42	61116	9.143	ng		84
6) Aniline	6.68	93	113934	7.024	ng		99
8) 2-Chlorophenol	6.80	128	110964	10.978	ng		98
9) Benzaldehyde	6.57	77	67030	7.249	ng		94
10) Phenol	6.64	94	131825	10.686	ng		92
11) bis(2-Chloroethyl)ether	6.74	93	109246	10.954	ng		92
12) 1,3-Dichlorobenzene	6.95	146	128411	10.987	ng		99
13) 1,4-Dichlorobenzene	7.03	146	127404	10.850	ng		98
14) 1,2-Dichlorobenzene	7.18	146	120628	11.044	ng		98
15) Benzyl Alcohol	7.15	79	100853	10.045	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	211250	10.282	ng		96
17) 2-Methylphenol	7.25	107	88344	10.192	ng		98
18) Hexachloroethane	7.53	117	39199	9.377	ng	#	89
19) n-Nitroso-di-n-propylamine	7.41	70	83708	10.380	ng		90
20) 3+4-Methylphenols	7.40	107	114434	10.302	ng		95
22) Acetophenone	7.42	105	162632	12.036	ng	#	96
24) Nitrobenzene	7.60	77	122156	11.665	ng		97
25) Isophorone	7.82	82	212072	10.744	ng		96
26) 2-Nitrophenol	7.91	139	46715	11.813	ng		95
27) 2,4-Dimethylphenol	7.94	122	93438	10.666	ng		99
28) bis(2-Chloroethoxy)methane	8.04	93	131889	11.446	ng		98
29) 2,4-Dichlorophenol	8.15	162	84344	10.462	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	99471	11.191	ng		93
31) Naphthalene	8.32	128	313939	11.946	ng		99
32) Benzoic acid	7.99	122	25178	10.311	ng		92
33) 4-Chloroaniline	8.37	127	97684	8.529	ng		99
34) Hexachlorobutadiene	8.43	225	64535	11.469	ng		98
35) Caprolactam	8.70	113	22484	8.900	ng	#	62
36) 4-Chloro-3-methylphenol	8.83	107	84683	9.737	ng		95
37) 2-Methylnaphthalene	9.01	142	204917	11.021	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	101232	13.478	ng	#	95
40) Hexachlorocyclopentadiene	9.16	237	16841	3.471	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	55420	11.890	ng		94
43) 2,4,5-Trichlorophenol	9.32	196	58257	11.354	ng		95
45) 1,1'-Biphenyl	9.47	154	240494	13.336	ng		99
46) 2-Chloronaphthalene	9.50	162	178944	12.555	ng		97
47) 2-Nitroaniline	9.60	65	53230	11.543	ng		92
48) Acenaphthylene	9.92	152	287263	12.749	ng		99
49) Dimethylphthalate	9.77	163	243530	14.294	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	40032	11.231	ng		90
51) Acenaphthene	10.10	154	165484	11.991	ng		99
52) 3-Nitroaniline	10.01	138	39497	10.127	ng		100
53) 2,4-Dinitrophenol	10.11	184	3561	9.456	ng	#	26
54) Dibenzofuran	10.27	168	242170	12.112	ng		98
55) 4-Nitrophenol	10.15	139	55311	18.728	ng		86
56) 2,4-Dinitrotoluene	10.24	165	46460	10.126	ng	#	90
57) Fluorene	10.61	166	197112	12.453	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.38	232	41974	9.788	ng		92
59) Diethylphthalate	10.47	149	193856	11.750	ng		97
60) 4-Chlorophenyl-phenylether	10.60	204	93211	11.302	ng	#	86
61) 4-Nitroaniline	10.62	138	39275	10.186	ng		97
62) Azobenzene	10.76	77	181902	10.676	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	4234	7.663	ng		88
65) n-Nitrosodiphenylamine	10.71	169	159592	12.421	ng		98
66) 4-Bromophenyl-phenylether	11.09	248	55556	11.758	ng		90
67) Hexachlorobenzene	11.16	284	56194	11.303	ng		91
68) Atrazine	11.24	200	50177	11.644	ng		98
69) Pentachlorophenol	11.35	266	47235	19.850	ng		98
70) Phenanthrene	11.58	178	709023	34.574	ng		99
71) Anthracene	11.63	178	350108	16.657	ng		99
72) Carbazole	11.78	167	287184	15.378	ng		99
73) Di-n-butylphthalate	12.10	149	285560	13.500	ng		99
74) Fluoranthene	12.78	202	1413851	63.171	ng		95
77) Pyrene	13.01	202	1248343	44.804	ng		98
79) Butylbenzylphthalate	13.61	149	131074	11.847	ng		95
80) Benzo(a)anthracene	14.21	228	805375	31.888	ng		100
81) 3,3'-Dichlorobenzidine	14.16	252	64720	7.150	ng	#	98
82) Chrysene	14.24	228	763747	32.984	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	213075	14.222	ng		98
84) Di-n-octyl phthalate	14.79	149	335764	14.695	ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	345195	17.206	ng	#	89
87) Benzo(b)fluoranthene	15.31	252	760547	40.765	ng		96
88) Benzo(k)fluoranthene	15.34	252	405761m	23.659	ng		
89) Benzo(a)pyrene	15.71	252	509299	30.484	ng		96
90) Dibenzo(a,h)anthracene	17.41	278	189796m	13.730	ng		
91) Benzo(g,h,i)perylene	17.89	276	301893	22.179	ng	#	90

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

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