Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113561.D
Acq On : 3 Apr 2019 23:46
Operator : JU/SJ
Sample : K2190-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Manual Integrations APPROVED
Sohil
4/4/2019 10:57:54 AM

Quant Time: Apr 04 05:51:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	120831	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	422833	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	180714	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	324053	20.00	ng		0.00
76) Chrysene-d12	13.84	240	301410	20.00	ng		0.00
87) Perylene-d12	15.25	264	286869	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	796935	112.47	ng		0.01
7) Phenol-d6	6.34	99	925091	105.93	ng		0.00
23) Nitrobenzene-d5	7.25	82	635863	88.09	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	270248	124.49	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1146052	102.10	ng		0.00
79) Terphenyl-d14	12.79	244	1135293	76.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	113862	33.927	ng	#	84
3) Pyridine	3.19	79	75743	8.624	ng		94
4) n-Nitrosodimethylamine	3.05	42	128704	34.490	ng		89
6) Aniline	6.36	93	29533	2.790	ng	#	1
8) 2-Chlorophenol	6.47	128	310332	37.853	ng		100
9) Benzaldehyde	6.23	77	218570	42.090	ng		97
10) Phenol	6.35	94	316964	31.777	ng	#	68
11) bis(2-Chloroethyl)ether	6.43	93	306943	39.560	ng		99
12) 1,3-Dichlorobenzene	6.63	146	334727	37.913	ng		98
13) 1,4-Dichlorobenzene	6.70	146	343578	38.510	ng		98
14) 1,2-Dichlorobenzene	6.86	146	317475	39.422	ng		98
15) Benzyl Alcohol	6.84	79	228238	38.651	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	479064	39.667	ng		95
17) 2-Methylphenol	6.96	107	237488	37.380	ng		98
18) Hexachloroethane	7.19	117	115635	35.608	ng		96
19) n-Nitroso-di-n-propylamine	7.10	70	210428	39.074	ng		98
20) 3+4-Methylphenols	7.11	107	300507	39.036	ng		98
22) Acetophenone	7.10	105	421260	45.361	ng	#	96
24) Nitrobenzene	7.27	77	318212	42.805	ng		95
25) Isophorone	7.51	82	571409	41.092	ng		98
26) 2-Nitrophenol	7.59	139	160645	40.151	ng		97
27) 2,4-Dimethylphenol	7.63	122	230478	40.294	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	378838	43.091	ng		99
29) 2,4-Dichlorophenol	7.84	162	257882	42.138	ng		99
30) 1,2,4-Trichlorobenzene	7.91	180	281182	42.309	ng		98
31) Naphthalene	7.99	128	883368	43.118	ng		99
32) Benzoic acid	7.76	122	53254	12.023	ng		98
33) 4-Chloroaniline	8.05	127	19718	2.427	ng		98
34) Hexachlorobutadiene	8.11	225	169913	41.935	ng		99
35) Caprolactam	8.41	113	47946m	24.680	ng		
36) 4-Chloro-3-methylphenol	8.54	107	238007	38.742	ng		99
37) 2-Methylnaphthalene	8.68	142	580356	43.071	ng		97
38) 1-Methylnaphthalene	8.78	142	536890	41.322	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	271166	46.397	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	69715	41.765	ng		98
43) 2,4,6-Trichlorophenol	8.97	196	167653	45.445	ng		99
44) 2,4,5-Trichlorophenol	9.02	196	175710	44.364	ng		98
46) 1,1'-Biphenyl	9.15	154	690802	46.324	ng		99
47) 2-Chloronaphthalene	9.17	162	513065	45.442	ng		99
48) 2-Nitroaniline	9.27	65	150882	43.673	ng		97
49) Acenaphthylene	9.58	152	800090	43.578	ng		99
50) Dimethylphthalate	9.45	163	602788	45.251	ng		100
51) 2,6-Dinitrotoluene	9.52	165	123382	42.019	ng		90
52) Acenaphthene	9.76	154	462859	44.041	ng		99
53) 3-Nitroaniline	9.68	138	36226	10.851	ng		97
54) 2,4-Dinitrophenol	9.81	184	23398	17.032	ng		96
55) Dibenzofuran	9.93	168	683378	44.327	ng		99
56) 4-Nitrophenol	9.87	139	130893	63.205	ng		94
57) 2,4-Dinitrotoluene	9.92	165	145258	40.903	ng		91
58) Fluorene	10.27	166	518731	42.542	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	144359	42.108	ng		98
60) Diethylphthalate	10.15	149	567033	44.150	ng		98
61) 4-Chlorophenyl-phenylether	10.26	204	264193	44.050	ng		95
62) 4-Nitroaniline	10.30	138	121763	35.867	ng		95
63) Azobenzene	10.42	77	507745	41.753	ng		97
65) 4,6-Dinitro-2-methylphenol	10.34	198	19964	11.702	ng		95
66) n-Nitrosodiphenylamine	10.38	169	465424	46.785	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	161945	44.559	ng		95
68) Hexachlorobenzene	10.83	284	179479	43.099	ng		98
69) Atrazine	10.91	200	137760	43.934	ng		96
70) Pentachlorophenol	11.02	266	108710	55.400	ng		98
71) Phenanthrene	11.23	178	709583	44.067	ng		99
72) Anthracene	11.28	178	738407	45.072	ng		99
73) Carbazole	11.44	167	678147	44.257	ng		99
74) Di-n-butylphthalate	11.77	149	839074	46.033	ng		100
75) Fluoranthene	12.42	202	783616	45.414	ng		100
77) Benzidine	12.54	184	19420	1.733	ng		97
78) Pyrene	12.64	202	807430	35.207	ng		98
80) Butylbenzylphthalate	13.26	149	359171	38.474	ng		96
81) Benzo(a)anthracene	13.83	228	710472	40.862	ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	84946	12.684	ng		100
83) Chrysene	13.87	228	726854	41.239	ng		100
84) Bis(2-ethylhexyl)phthalate	13.83	149	482887	42.782	ng	#	97
85) Di-n-octyl phthalate	14.43	149	920259	50.158	ng		100
86) Indeno(1,2,3-cd)pyrene	16.62	276	702618	43.176	ng		98
88) Benzo(b)fluoranthene	14.85	252	706013	40.206	ng		99
89) Benzo(k)fluoranthene	14.88	252	731742	46.431	ng		99
90) Benzo(a)pyrene	15.19	252	685889	43.957	ng		99
91) Dibenzo(a,h)anthracene	16.62	278	604714	41.442	ng		99
92) Benzo(g,h,i)perylene	17.02	276	572479	38.438	ng		98

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

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