Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
Data File : BF113730.D
Acq On : 11 Apr 2019 19:58
Operator : JU/SJ
Sample : K2343-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-SMSD

Manual Integrations APPROVED
Sohil
4/12/2019 2:29:07 PM

Quant Time: Apr 12 02:25:14 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	6.67	152	108917	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	402072	20.00	ng		-0.02
39) Acenaphthene-d10	9.70	164	193507	20.00	ng		-0.02
64) Phenanthrene-d10	11.19	188	382607	20.00	ng		-0.02
76) Chrysene-d12	13.82	240	270652	20.00	ng		-0.02
87) Perylene-d12	15.23	264	269995	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	788462	123.44	ng		0.00
7) Phenol-d6	6.33	99	1004799	127.64	ng		0.00
23) Nitrobenzene-d5	7.24	82	600330	87.46	ng		-0.02
42) 2,4,6-Tribromophenol	10.50	330	291017	125.20	ng		-0.02
45) 2-Fluorobiphenyl	9.03	172	1105720	91.99	ng		-0.02
79) Terphenyl-d14	12.76	244	1209066	90.95	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	108027	35.710	ng		97
3) Pyridine	3.08	79	229979	29.049	ng		94
4) n-Nitrosodimethylamine	2.98	42	124723	37.079	ng		94
6) Aniline	6.36	93	126863	13.295	ng	#	78
8) 2-Chlorophenol	6.46	128	292200	39.540	ng		99
9) Benzaldehyde	6.23	77	115376	24.648	ng		98
10) Phenol	6.35	94	348499	38.761	ng	#	68
11) bis(2-Chloroethyl)ether	6.41	93	337138	48.204	ng		99
12) 1,3-Dichlorobenzene	6.61	146	310727	39.044	ng		98
13) 1,4-Dichlorobenzene	6.69	146	318076	39.551	ng		99
14) 1,2-Dichlorobenzene	6.85	146	291925	40.215	ng		96
15) Benzyl Alcohol	6.83	79	165640	31.118	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	419208	38.508	ng	#	43
17) 2-Methylphenol	6.95	107	225339	39.347	ng	#	91
18) Hexachloroethane	7.18	117	109716	37.481	ng		94
19) n-Nitroso-di-n-propylamine	7.09	70	196800	40.541	ng		97
20) 3+4-Methylphenols	7.11	107	311944	44.954	ng		89
22) Acetophenone	7.09	105	392893	44.491	ng		97
24) Nitrobenzene	7.26	77	292037	41.312	ng		95
25) Isophorone	7.50	82	533566	40.351	ng		100
26) 2-Nitrophenol	7.58	139	156987	41.263	ng		92
27) 2,4-Dimethylphenol	7.63	122	246005	45.230	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	340903	40.778	ng		99
29) 2,4-Dichlorophenol	7.85	162	253705	43.596	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	265593	42.027	ng		99
31) Naphthalene	7.97	128	834835	42.853	ng		99
32) Benzoic acid	7.76	122	6512m	1.546	ng		
33) 4-Chloroaniline	8.08	127	48981	6.341	ng		97
34) Hexachlorobutadiene	8.09	225	156776	40.690	ng		99
35) Caprolactam	8.41	113	71212m	38.549	ng		
36) 4-Chloro-3-methylphenol	8.55	107	243782	41.731	ng		98
37) 2-Methylnaphthalene	8.67	142	563216	43.957	ng		99
38) 1-Methylnaphthalene	8.77	142	527096	42.663	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	269190	43.014	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	120170	59.090	ng		99
43) 2,4,6-Trichlorophenol	8.96	196	166503	42.149	ng		97
44) 2,4,5-Trichlorophenol	9.02	196	156610	36.927	ng		98
46) 1,1'-Biphenyl	9.13	154	689090	43.155	ng		98
47) 2-Chloronaphthalene	9.16	162	520461	43.049	ng		98
48) 2-Nitroaniline	9.26	65	155957	42.157	ng		99
49) Acenaphthylene	9.57	152	829545	42.195	ng		99
50) Dimethylphthalate	9.43	163	696037	48.797	ng		99
51) 2,6-Dinitrotoluene	9.50	165	132104	42.015	ng		91
52) Acenaphthene	9.74	154	490781	43.611	ng		99
53) 3-Nitroaniline	9.68	138	94145	26.336	ng		93
54) 2,4-Dinitrophenol	9.81	184	21520	14.629	ng		93
55) Dibenzofuran	9.91	168	728533	44.132	ng		99
56) 4-Nitrophenol	9.87	139	66465	29.973	ng		90
57) 2,4-Dinitrotoluene	9.92	165	166530	43.793	ng		97
58) Fluorene	10.25	166	577032	44.195	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.05	232	155633	42.395	ng		96
60) Diethylphthalate	10.13	149	586576	42.652	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	288228	44.881	ng		90
62) 4-Nitroaniline	10.29	138	124294	34.192	ng		99
63) Azobenzene	10.40	77	540633	41.518	ng		98
65) 4,6-Dinitro-2-methylphenol	10.33	198	49176	24.414	ng		90
66) n-Nitrosodiphenylamine	10.36	169	512578	43.639	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	181061	42.195	ng		98
68) Hexachlorobenzene	10.80	284	208501	42.406	ng	#	92
69) Atrazine	10.90	200	145783	39.377	ng		97
70) Pentachlorophenol	11.01	266	101460	43.792	ng		98
71) Phenanthrene	11.21	178	852366	44.833	ng		99
72) Anthracene	11.26	178	872564	45.109	ng		100
73) Carbazole	11.43	167	803376	44.406	ng		99
74) Di-n-butylphthalate	11.75	149	921359	42.811	ng		99
75) Fluoranthene	12.40	202	929555	45.627	ng		98
77) Benzidine	12.54	184	136625	13.575	ng		97
78) Pyrene	12.62	202	918257	44.589	ng		100
80) Butylbenzylphthalate	13.24	149	361502	43.124	ng		95
81) Benzo(a)anthracene	13.81	228	663117	42.473	ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	231411	38.482	ng		98
83) Chrysene	13.84	228	672775	42.508	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	480135	47.373	ng	#	99
85) Di-n-octyl phthalate	14.40	149	760768	46.178	ng		100
86) Indeno(1,2,3-cd)pyrene	16.59	276	831792	56.923	ng		99
88) Benzo(b)fluoranthene	14.83	252	692130	41.879	ng		99
89) Benzo(k)fluoranthene	14.86	252	596367	40.206	ng		99
90) Benzo(a)pyrene	15.17	252	650858	44.318	ng		100
91) Dibenzo(a,h)anthracene	16.59	278	683267	49.752	ng		100
92) Benzo(g,h,i)perylene	16.99	276	737945	52.644	ng		98

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

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