Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113266.D
Acq On : 24 Mar 2019 14:23
Operator : JU/SJ
Sample : K2058-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Manual Integrations APPROVED
Sohil
3/26/2019 6:34:50 PM

Quant Time: Mar 25 04:46:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	154665	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	587553	20.00	ng		-0.02
39) Acenaphthene-d10	9.75	164	301058	20.00	ng		-0.02
64) Phenanthrene-d10	11.23	188	618537	20.00	ng		-0.02
76) Chrysene-d12	13.86	240	401636	20.00	ng		-0.01
87) Perylene-d12	15.26	264	401021	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1129693	113.62	ng		0.00
7) Phenol-d6	6.37	99	1476386	118.21	ng		0.00
23) Nitrobenzene-d5	7.28	82	925835	94.29	ng		-0.02
42) 2,4,6-Tribromophenol	10.54	330	506249	158.40	ng		-0.01
45) 2-Fluorobiphenyl	9.07	172	1650634	93.21	ng		-0.02
79) Terphenyl-d14	12.81	244	1822951	87.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	147863	29.667	ng		97
3) Pyridine	3.14	79	352654	26.448	ng		99
4) n-Nitrosodimethylamine	3.06	42	181788	31.166	ng		99
6) Aniline	6.38	93	366193	21.300	ng	#	1
8) 2-Chlorophenol	6.50	128	387852	35.042	ng		97
9) Benzaldehyde	6.26	77	96690	10.744	ng		96
10) Phenol	6.38	94	490550	33.657	ng		89
11) bis(2-Chloroethyl)ether	6.45	93	382275	34.172	ng		97
12) 1,3-Dichlorobenzene	6.66	146	406192	35.526	ng		95
13) 1,4-Dichlorobenzene	6.73	146	419346	36.572	ng		96
14) 1,2-Dichlorobenzene	6.89	146	388791	36.988	ng		98
15) Benzyl Alcohol	6.86	79	322938	33.908	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	604291	32.369	ng		74
17) 2-Methylphenol	6.98	107	321901	35.850	ng		96
18) Hexachloroethane	7.23	117	149046	33.934	ng	#	86
19) n-Nitroso-di-n-propylamine	7.13	70	271904	34.374	ng		99
20) 3+4-Methylphenols	7.14	107	407564	40.205	ng	#	65
22) Acetophenone	7.13	105	540311	39.328	ng	#	90
24) Nitrobenzene	7.30	77	412869	37.779	ng		97
25) Isophorone	7.54	82	769913	36.396	ng		98
26) 2-Nitrophenol	7.62	139	220493	48.467	ng		99
27) 2,4-Dimethylphenol	7.66	122	357758	42.270	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	492347	37.227	ng		99
29) 2,4-Dichlorophenol	7.86	162	353349	43.052	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	366572	41.566	ng		99
31) Naphthalene	8.02	128	1142202	39.156	ng		100
32) Benzoic acid	7.75	122	38828	6.545	ng		97
33) 4-Chloroaniline	8.07	127	246444	19.946	ng		99
34) Hexachlorobutadiene	8.14	225	214302	43.088	ng		99
35) Caprolactam	8.44	113	111889m	38.706	ng		
36) 4-Chloro-3-methylphenol	8.57	107	355181	39.103	ng		92
37) 2-Methylnaphthalene	8.71	142	777552	41.276	ng		99
38) 1-Methylnaphthalene	8.81	142	729512	39.977	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	354976	40.434	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	357867	74.440	ng		100
43) 2,4,6-Trichlorophenol	8.99	196	251385	41.606	ng		99
44) 2,4,5-Trichlorophenol	9.04	196	273044	41.809	ng		97
46) 1,1'-Biphenyl	9.17	154	955724	38.920	ng		98
47) 2-Chloronaphthalene	9.20	162	730265	38.086	ng		98
48) 2-Nitroaniline	9.29	65	239034	41.014	ng		98
49) Acenaphthylene	9.61	152	1211109	37.206	ng		99
50) Dimethylphthalate	9.47	163	975436	43.941	ng		99
51) 2,6-Dinitrotoluene	9.54	165	201654	43.623	ng	#	73
52) Acenaphthene	9.78	154	703795	36.972	ng		100
53) 3-Nitroaniline	9.70	138	165479	29.378	ng		98
54) 2,4-Dinitrophenol	9.82	184	135691	72.426	ng		93
55) Dibenzofuran	9.96	168	1074126	38.824	ng		95
56) 4-Nitrophenol	9.89	139	307067	67.077	ng		94
57) 2,4-Dinitrotoluene	9.95	165	270706	47.112	ng		85
58) Fluorene	10.30	166	805406	41.016	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.08	232	247894	45.560	ng	#	92
60) Diethylphthalate	10.17	149	918329	39.169	ng		98
61) 4-Chlorophenyl-phenylether	10.29	204	412470	45.147	ng		95
62) 4-Nitroaniline	10.32	138	230053	44.199	ng		96
63) Azobenzene	10.45	77	861912	35.892	ng		96
65) 4,6-Dinitro-2-methylphenol	10.36	198	123810	48.647	ng	#	71
66) n-Nitrosodiphenylamine	10.41	169	765501	38.589	ng		99
67) 4-Bromophenyl-phenylether	10.77	248	269461	41.360	ng		94
68) Hexachlorobenzene	10.85	284	309421	42.132	ng	#	86
69) Atrazine	10.94	200	250902	41.298	ng		97
70) Pentachlorophenol	11.05	266	294506	68.132	ng		98
71) Phenanthrene	11.25	178	1200384	39.006	ng		99
72) Anthracene	11.30	178	1267153	39.335	ng		99
73) Carbazole	11.46	167	1203514	38.297	ng		99
74) Di-n-butylphthalate	11.79	149	1470561	39.027	ng		100
75) Fluoranthene	12.44	202	1295961	39.306	ng		96
77) Benzidine	12.56	184	428384	20.558	ng		99
78) Pyrene	12.66	202	1267911	37.447	ng		100
80) Butylbenzylphthalate	13.28	149	559800	37.456	ng		96
81) Benzo(a)anthracene	13.85	228	909628	32.678	ng		99
82) 3,3'-Dichlorobenzidine	13.81	252	254166	24.143	ng		99
83) Chrysene	13.89	228	928625	34.058	ng		99
84) Bis(2-ethylhexyl)phthalate	13.84	149	707080	40.335	ng		100
85) Di-n-octyl phthalate	14.45	149	1179605	39.187	ng		97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1191974	51.278	ng		94
88) Benzo(b)fluoranthene	14.87	252	905362	34.903	ng	#	97
89) Benzo(k)fluoranthene	14.90	252	862414	36.705	ng	#	97
90) Benzo(a)pyrene	15.21	252	884000	38.529	ng		98
91) Dibenzo(a,h)anthracene	16.64	278	1001593	51.159	ng		97
92) Benzo(g,h,i)perylene	17.04	276	1047991	53.308	ng		95

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

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