Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
Data File : BF112687.D
Acq On : 25 Feb 2019 12:53
Operator : JU/SJ
Sample : K1556-01MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Manual Integrations APPROVED
Sohil
2/26/2019 2:39:01 PM

Quant Time: Feb 25 14:20:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 25 14:05:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81494	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	312246	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	137098	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	216352	20.00	ng		0.00
76) Chrysene-d12	13.99	240	182520	20.00	ng		0.00
87) Perylene-d12	15.46	264	181198	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	643699	167.77	ng		0.00
7) Phenol-d6	6.49	99	804419	150.89	ng		0.00
23) Nitrobenzene-d5	7.39	82	517991	95.59	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	200188	125.45	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	954300	98.45	ng		0.00
79) Terphenyl-d14	12.92	244	767421	79.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	63566	41.590	ng	#	93
3) Pyridine	3.37	79	151890	39.068	ng		97
4) n-Nitrosodimethylamine	3.29	42	92342	56.533	ng		88
6) Aniline	6.49	93	185360	29.228	ng		89
8) 2-Chlorophenol	6.62	128	221746	42.963	ng		96
9) Benzaldehyde	6.37	77	90794	32.583	ng		98
10) Phenol	6.50	94	318467	54.448	ng		80
11) bis(2-Chloroethyl)ether	6.55	93	187819	40.787	ng		98
12) 1,3-Dichlorobenzene	6.76	146	236553	39.354	ng		99
13) 1,4-Dichlorobenzene	6.83	146	245655	39.710	ng		98
14) 1,2-Dichlorobenzene	6.99	146	230680	39.828	ng		96
15) Benzyl Alcohol	6.97	79	188430	41.928	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.09	45	223060	37.727	ng		96
17) 2-Methylphenol	7.10	107	171811	41.992	ng		94
18) Hexachloroethane	7.32	117	88692	40.828	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	149968	40.795	ng		99
20) 3+4-Methylphenols	7.26	107	226175	43.229	ng	#	60
22) Acetophenone	7.23	105	308082	40.520	ng		94
24) Nitrobenzene	7.40	77	223840	41.359	ng		99
25) Isophorone	7.64	82	387143	45.539	ng		98
26) 2-Nitrophenol	7.72	139	118894	41.107	ng	#	92
27) 2,4-Dimethylphenol	7.77	122	186105	46.703	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	237477	41.024	ng		98
29) 2,4-Dichlorophenol	7.98	162	181626	40.729	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	199079	38.838	ng		98
31) Naphthalene	8.12	128	638880	43.753	ng		98
32) Benzoic acid	7.91	122	38796	17.068	ng		96
33) 4-Chloroaniline	8.18	127	86006	13.527	ng		96
34) Hexachlorobutadiene	8.23	225	116701	38.797	ng		98
35) Caprolactam	8.55	113	50573	32.148	ng		95
36) 4-Chloro-3-methylphenol	8.69	107	187430	39.703	ng		98
37) 2-Methylnaphthalene	8.81	142	439914	44.008	ng		97
38) 1-Methylnaphthalene	8.91	142	403340	42.097	ng		96
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	190368	42.291	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	34159	27.148	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	117695	42.417	ng		96
44) 2,4,5-Trichlorophenol	9.16	196	112290	38.721	ng	#	91
46) 1,1'-Biphenyl	9.27	154	511906	42.710	ng		98
47) 2-Chloronaphthalene	9.30	162	390028	41.963	ng		96
48) 2-Nitroaniline	9.41	65	109876	43.373	ng		88
49) Acenaphthylene	9.72	152	623905	45.798	ng		98
50) Dimethylphthalate	9.57	163	497257	46.683	ng		98
51) 2,6-Dinitrotoluene	9.65	165	96717	40.542	ng	#	64
52) Acenaphthene	9.89	154	356299	43.782	ng		98
53) 3-Nitroaniline	9.83	138	65347	25.284	ng		91
54) 2,4-Dinitrophenol	9.96	184	33363	43.577	ng	#	85
55) Dibenzofuran	10.06	168	522895	42.046	ng		91
56) 4-Nitrophenol	10.05	139	54714m	40.042	ng		
57) 2,4-Dinitrotoluene	10.06	165	122775	40.426	ng	#	72
58) Fluorene	10.40	166	418855	45.008	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	81053	36.985	ng	#	87
60) Diethylphthalate	10.26	149	437021	41.343	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	194169	38.356	ng	#	89
62) 4-Nitroaniline	10.45	138	79627	31.411	ng		90
63) Azobenzene	10.55	77	373389	40.163	ng		97
65) 4,6-Dinitro-2-methylphenol	10.48	198	33075	27.267	ng		80
66) n-Nitrosodiphenylamine	10.51	169	341413	46.822	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	110119	43.275	ng		93
68) Hexachlorobenzene	10.96	284	112681	41.274	ng		95
69) Atrazine	11.03	200	93786	39.861	ng		93
70) Pentachlorophenol	11.17	266	54006	50.840	ng		98
71) Phenanthrene	11.37	178	686300	61.016	ng		97
72) Anthracene	11.42	178	579785	51.747	ng		98
73) Carbazole	11.58	167	440984	39.901	ng		99
74) Di-n-butylphthalate	11.89	149	575304	41.937	ng		98
75) Fluoranthene	12.56	202	989985	82.061	ng		99
77) Benzidine	12.67	184	113277	22.549	ng		97
78) Pyrene	12.79	202	937873	74.219	ng		99
80) Butylbenzylphthalate	13.38	149	225637	36.906	ng		95
81) Benzo(a)anthracene	13.97	228	753253	70.204	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	123240	30.691	ng		98
83) Chrysene	14.02	228	668594	65.281	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	309749	35.692	ng		95
85) Di-n-octyl phthalate	14.54	149	550040	41.195	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	542840	66.890	ng		95
88) Benzo(b)fluoranthene	15.03	252	855190	78.918	ng		100
89) Benzo(k)fluoranthene	15.06	252	577591	55.646	ng		99
90) Benzo(a)pyrene	15.40	252	709401	72.755	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	359299	45.721	ng		98
92) Benzo(g,h,i)perylene	17.40	276	441222	59.512	ng		95

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

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