Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112619.D
Acq On : 19 Feb 2019 14:22
Operator : JU/SJ
Sample : K1515-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-1MS

Manual Integrations APPROVED
Sohil
2/20/2019 11:12:43 AM

Quant Time: Feb 19 16:38:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	96874	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	387958	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	192364	20.00	ng		-0.02
64) Phenanthrene-d10	11.35	188	376356	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	286320	20.00	ng		0.00
87) Perylene-d12	15.47	264	270623	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	728135	159.65	ng		-0.02
7) Phenol-d6	6.48	99	896984	141.54	ng		-0.01
23) Nitrobenzene-d5	7.39	82	591119	87.79	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	300981	134.42	ng		-0.02
45) 2-Fluorobiphenyl	9.18	172	1125121	82.72	ng		-0.02
79) Terphenyl-d14	12.93	244	1234062	81.18	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	82786	45.566	ng		94
3) Pyridine	3.35	79	218358	47.248	ng		97
4) n-Nitrosodimethylamine	3.30	42	118017	60.781	ng	#	87
6) Aniline	6.49	93	354984	47.087	ng	#	50
8) 2-Chlorophenol	6.62	128	296863	48.385	ng		98
9) Benzaldehyde	6.37	77	123302	37.224	ng		99
10) Phenol	6.49	94	367266	52.822	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	254004	46.403	ng		98
12) 1,3-Dichlorobenzene	6.76	146	320522	44.858	ng		98
13) 1,4-Dichlorobenzene	6.84	146	323963	44.054	ng		98
14) 1,2-Dichlorobenzene	6.99	146	310376	45.080	ng		96
15) Benzyl Alcohol	6.97	79	248511	46.518	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	317325	45.150	ng	#	15
17) 2-Methylphenol	7.09	107	230012	47.292	ng	#	86
18) Hexachloroethane	7.33	117	123110	47.674	ng		100
19) n-Nitroso-di-n-propylamine	7.24	70	206078	47.158	ng		100
20) 3+4-Methylphenols	7.25	107	302924	48.706	ng	#	63
22) Acetophenone	7.23	105	416684	44.108	ng		93
24) Nitrobenzene	7.41	77	303025	45.064	ng		98
25) Isophorone	7.65	82	550745	52.140	ng		97
26) 2-Nitrophenol	7.73	139	163135	45.396	ng	#	91
27) 2,4-Dimethylphenol	7.77	122	260025	52.518	ng		93
28) bis(2-Chloroethoxy)methane	7.85	93	339476	47.200	ng		100
29) 2,4-Dichlorophenol	7.98	162	255919	46.189	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	283073	44.447	ng		99
31) Naphthalene	8.13	128	873309	48.136	ng		99
32) Benzoic acid	7.92	122	107427	38.038	ng		95
33) 4-Chloroaniline	8.18	127	293188	37.114	ng		97
34) Hexachlorobutadiene	8.24	225	164783	44.091	ng		100
35) Caprolactam	8.56	113	80754m	41.315	ng		
36) 4-Chloro-3-methylphenol	8.68	107	268658	45.803	ng		95
37) 2-Methylnaphthalene	8.82	142	621307	50.024	ng		96
38) 1-Methylnaphthalene	8.92	142	584548	49.103	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	283167	44.833	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	151519	65.283	ng		99
43) 2,4,6-Trichlorophenol	9.11	196	176025	45.213	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	181020	44.488	ng		96
46) 1,1'-Biphenyl	9.28	154	759661	45.172	ng		99
47) 2-Chloronaphthalene	9.31	162	583875	44.772	ng		95
48) 2-Nitroaniline	9.42	65	165002	46.421	ng		90
49) Acenaphthylene	9.73	152	925318	48.409	ng		98
50) Dimethylphthalate	9.58	163	776926	51.983	ng		99
51) 2,6-Dinitrotoluene	9.66	165	157081	46.928	ng	#	88
52) Acenaphthene	9.90	154	535511	46.899	ng		99
53) 3-Nitroaniline	9.83	138	126516	34.888	ng		88
54) 2,4-Dinitrophenol	9.96	184	104610	97.382	ng		95
55) Dibenzofuran	10.07	168	810883	46.471	ng		93
56) 4-Nitrophenol	10.02	139	112646	58.755	ng		93
57) 2,4-Dinitrotoluene	10.07	165	204447	47.977	ng	#	57
58) Fluorene	10.42	166	666977	51.079	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	149764	48.705	ng		93
60) Diethylphthalate	10.28	149	751645	50.678	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	329763	46.426	ng		90
62) 4-Nitroaniline	10.45	138	146028	41.055	ng		91
63) Azobenzene	10.56	77	641321	49.165	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	86216	40.859	ng		96
66) n-Nitrosodiphenylamine	10.52	169	588011	46.358	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	199663	45.106	ng		93
68) Hexachlorobenzene	10.97	284	219927	46.309	ng		93
69) Atrazine	11.05	200	175443	42.866	ng		96
70) Pentachlorophenol	11.17	266	126441	68.424	ng		97
71) Phenanthrene	11.38	178	952678	48.690	ng		98
72) Anthracene	11.43	178	993574	50.978	ng		99
73) Carbazole	11.59	167	811616	42.215	ng		99
74) Di-n-butylphthalate	11.90	149	1221468	51.185	ng		98
75) Fluoranthene	12.57	202	966493	46.054	ng		99
77) Benzidine	12.69	184	589541	74.810	ng		95
78) Pyrene	12.80	202	968335	48.849	ng		98
80) Butylbenzylphthalate	13.40	149	479808	50.028	ng		94
81) Benzo(a)anthracene	13.99	228	840364	49.928	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	248866	39.508	ng		99
83) Chrysene	14.03	228	779072	48.491	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	729424	53.579	ng	#	97
85) Di-n-octyl phthalate	14.56	149	1162206	55.487	ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	824654	64.777	ng		96
88) Benzo(b)fluoranthene	15.04	252	782314	48.337	ng		98
89) Benzo(k)fluoranthene	15.07	252	754723	48.684	ng		98
90) Benzo(a)pyrene	15.42	252	737543	50.646	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	691788	58.942	ng		99
92) Benzo(g,h,i)perylene	17.43	276	671637	60.655	ng		94

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

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