Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116447.D
Acq On : 20 Aug 2019 23:07
Operator : HP/JU
Sample : K4404-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-L(0-2.5)MSD

Quant Time: Aug 21 11:07:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	85314	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	330566	20.00	ng		-0.02
39) Acenaphthene-d10	9.83	164	181910	20.00	ng		-0.02
64) Phenanthrene-d10	11.32	188	339701	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	294616	20.00	ng		-0.01
87) Perylene-d12	15.42	264	304507	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	721313	141.54	ng		0.00
7) Phenol-d6	6.46	99	852725	132.62	ng		0.00
23) Nitrobenzene-d5	7.37	82	618670	108.03	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	278861	158.11	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1090232	112.26	ng		-0.01
79) Terphenyl-d14	12.90	244	1408756	100.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	101986	39.613	ng		99
3) Pyridine	3.40	79	179647	24.979	ng		97
4) n-Nitrosodimethylamine	3.29	42	115673	40.756	ng		99
6) Aniline	6.49	93	93620	10.167	ng	#	48
8) 2-Chlorophenol	6.60	128	284968	50.567	ng		95
9) Benzaldehyde	6.37	77	89755	20.231	ng		98
10) Phenol	6.47	94	307334	40.590	ng		81
11) bis(2-Chloroethyl)ether	6.54	93	280041	50.305	ng		98
12) 1,3-Dichlorobenzene	6.75	146	299024	45.913	ng		99
13) 1,4-Dichlorobenzene	6.82	146	314662	48.253	ng		96
14) 1,2-Dichlorobenzene	6.97	146	288474	48.043	ng		99
15) Benzyl Alcohol	6.96	79	220621	45.213	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	360316	47.453	ng	#	51
17) 2-Methylphenol	7.07	107	234520	49.147	ng	#	88
18) Hexachloroethane	7.31	117	110449	46.003	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	210288	52.778	ng		98
20) 3+4-Methylphenols	7.24	107	316401	56.032	ng	#	61
22) Acetophenone	7.22	105	413155	56.989	ng	#	93
24) Nitrobenzene	7.39	77	326648	52.825	ng		99
25) Isophorone	7.63	82	583604	53.295	ng		99
26) 2-Nitrophenol	7.71	139	155308	53.282	ng		96
27) 2,4-Dimethylphenol	7.75	122	262613	59.885	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	354892	52.288	ng		99
29) 2,4-Dichlorophenol	7.96	162	252132	54.453	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	263722	49.965	ng		100
31) Naphthalene	8.10	128	848875	54.570	ng		99
32) Benzoic acid	7.92	122	125730	40.666	ng		97
33) 4-Chloroaniline	8.19	127	66244	9.531	ng		100
34) Hexachlorobutadiene	8.22	225	147659	48.570	ng		99
35) Caprolactam	8.54	113	61343m	40.962	ng		
36) 4-Chloro-3-methylphenol	8.66	107	267400	55.512	ng		99
37) 2-Methylnaphthalene	8.80	142	566893	55.335	ng		98
38) 1-Methylnaphthalene	8.89	142	529100	54.592	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	258935	53.244	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	80486	40.059 ng		99
43) 2,4,6-Trichlorophenol	9.09	196	162589	48.572 ng		98
44) 2,4,5-Trichlorophenol	9.14	196	169245	48.912 ng		99
46) 1,1'-Biphenyl	9.26	154	700920	54.577 ng		98
47) 2-Chloronaphthalene	9.29	162	548309	51.297 ng		98
48) 2-Nitroaniline	9.39	65	173651	49.150 ng		98
49) Acenaphthylene	9.70	152	829783	53.211 ng		99
50) Dimethylphthalate	9.56	163	680271	54.922 ng		100
51) 2,6-Dinitrotoluene	9.63	165	145341	53.996 ng	#	88
52) Acenaphthene	9.87	154	509556	53.263 ng		100
53) 3-Nitroaniline	9.82	138	41573	12.500 ng		97
54) 2,4-Dinitrophenol	9.93	184	115709	84.077 ng		99
55) Dibenzofuran	10.05	168	731854	52.603 ng		100
56) 4-Nitrophenol	9.99	139	120911	56.750 ng		96
57) 2,4-Dinitrotoluene	10.05	165	187393	52.289 ng		95
58) Fluorene	10.39	166	610744	57.057 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	160011	54.965 ng		95
60) Diethylphthalate	10.26	149	645216	55.796 ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	306057	56.457 ng		96
62) 4-Nitroaniline	10.42	138	129448	37.661 ng		98
63) Azobenzene	10.53	77	658562	55.368 ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	95452	53.023 ng		99
66) n-Nitrosodiphenylamine	10.49	169	481608	47.103 ng		99
67) 4-Bromophenyl-phenylether	10.86	248	186047	51.161 ng		96
68) Hexachlorobenzene	10.94	284	206857	49.193 ng		98
69) Atrazine	11.02	200	116932	34.763 ng		99
70) Pentachlorophenol	11.15	266	161635	79.174 ng		98
71) Phenanthrene	11.35	178	920386	52.999 ng		100
72) Anthracene	11.40	178	964649	54.886 ng		99
73) Carbazole	11.56	167	812475	50.954 ng		99
74) Di-n-butylphthalate	11.87	149	1087265	58.452 ng		99
75) Fluoranthene	12.54	202	1042495	57.341 ng		98
78) Pyrene	12.77	202	1056830	47.587 ng		99
80) Butylbenzylphthalate	13.37	149	501873	53.423 ng		98
81) Benzo(a)anthracene	13.96	228	958628	50.907 ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	32791	5.012 ng		100
83) Chrysene	13.99	228	964620	52.764 ng		99
84) Bis(2-ethylhexyl)phthalate	13.92	149	732364	59.991 ng		99
85) Di-n-octyl phthalate	14.53	149	1241216	64.012 ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	947138	61.684 ng		100
88) Benzo(b)fluoranthene	15.00	252	921529	52.339 ng		100
89) Benzo(k)fluoranthene	15.03	252	901015m	52.539 ng		
90) Benzo(a)pyrene	15.36	252	872602	55.441 ng		99
91) Dibenzo(a,h)anthracene	16.89	278	811521	59.565 ng		98
92) Benzo(g,h,i)perylene	17.32	276	771419	57.654 ng		98

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

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