Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117099.D
Acq On : 17 Sep 2019 11:57
Operator : HP/JU
Sample : K4883-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW2-R2-1MSD

Quant Time: Sep 17 17:52:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	58407	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	231652	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	116706	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	189583	20.00	ng		0.00
76) Chrysene-d12	13.97	240	120671	20.00	ng		0.00
87) Perylene-d12	15.43	264	114202	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	207733	55.53	ng		0.01
7) Phenol-d6	6.46	99	176508	36.51	ng		0.00
23) Nitrobenzene-d5	7.39	82	424779	96.35	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	143715	147.34	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	752391	100.80	ng		0.00
79) Terphenyl-d14	12.92	244	683144	105.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	23802	15.205	ng	#	96
3) Pyridine	3.35	79	40692	9.497	ng		94
4) n-Nitrosodimethylamine	3.26	42	21054	14.318	ng	#	96
6) Aniline	6.49	93	133522	21.450	ng		97
8) 2-Chlorophenol	6.62	128	157155	38.940	ng		95
9) Benzaldehyde	6.37	77	112756	48.737	ng		98
10) Phenol	6.47	94	84092	15.777	ng		99
11) bis(2-Chloroethyl)ether	6.56	93	174070	44.436	ng		99
12) 1,3-Dichlorobenzene	6.77	146	172580	38.108	ng		96
13) 1,4-Dichlorobenzene	6.84	146	179903	38.926	ng		100
14) 1,2-Dichlorobenzene	7.00	146	169710	39.440	ng		97
15) Benzyl Alcohol	6.97	79	105971	28.582	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	168766	43.606	ng		95
17) 2-Methylphenol	7.09	107	101857	30.114	ng		94
18) Hexachloroethane	7.33	117	68408	38.475	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	140218	47.628	ng		99
20) 3+4-Methylphenols	7.23	107	116531	27.659	ng	#	41
22) Acetophenone	7.23	105	287717	48.885	ng		96
24) Nitrobenzene	7.40	77	214629	49.296	ng		99
25) Isophorone	7.65	82	391151	50.107	ng		99
26) 2-Nitrophenol	7.72	139	99931	53.434	ng		98
27) 2,4-Dimethylphenol	7.76	122	143279	48.312	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	231088	48.048	ng		99
29) 2,4-Dichlorophenol	7.97	162	145787	46.915	ng		94
30) 1,2,4-Trichlorobenzene	8.05	180	144800	43.130	ng		98
31) Naphthalene	8.13	128	521245	46.786	ng		99
32) Benzoic acid	7.85	122	12503	11.410	ng		92
33) 4-Chloroaniline	8.17	127	144946	29.333	ng		98
34) Hexachlorobutadiene	8.25	225	76278	40.047	ng		97
35) Caprolactam	8.53	113	6435	6.118	ng		97
36) 4-Chloro-3-methylphenol	8.65	107	159980	44.152	ng		96
37) 2-Methylnaphthalene	8.82	142	367398	48.971	ng		99
38) 1-Methylnaphthalene	8.92	142	343875	48.940	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	146492	48.609	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	111229	83.155 ng	100
43) 2,4,6-Trichlorophenol	9.09	196	100401	49.092 ng	98
44) 2,4,5-Trichlorophenol	9.14	196	106182	48.594 ng	97
46) 1,1'-Biphenyl	9.27	154	446171	48.738 ng	100
47) 2-Chloronaphthalene	9.30	162	346609	47.975 ng	99
48) 2-Nitroaniline	9.40	65	116116	50.107 ng	96
49) Acenaphthylene	9.72	152	556027	51.374 ng	100
50) Dimethylphthalate	9.57	163	429050	51.922 ng	100
51) 2,6-Dinitrotoluene	9.64	165	90524	53.788 ng	90
52) Acenaphthene	9.89	154	322288	50.234 ng	99
53) 3-Nitroaniline	9.81	138	68831	32.415 ng	95
54) 2,4-Dinitrophenol	9.92	184	61474	84.067 ng	100
55) Dibenzofuran	10.06	168	491064	51.876 ng	99
56) 4-Nitrophenol	9.98	139	36939	26.841 ng	96
57) 2,4-Dinitrotoluene	10.05	165	123465	56.516 ng	97
58) Fluorene	10.40	166	400679	52.547 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	79652	47.635 ng	97
60) Diethylphthalate	10.27	149	414513	50.988 ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	171834	52.084 ng	97
62) 4-Nitroaniline	10.42	138	102671	46.494 ng	98
63) Azobenzene	10.55	77	430954	51.903 ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	46606	53.097 ng	86
66) n-Nitrosodiphenylamine	10.51	169	341577	52.170 ng	99
67) 4-Bromophenyl-phenylether	10.88	248	99538	51.412 ng	97
68) Hexachlorobenzene	10.96	284	103731	48.985 ng	97
69) Atrazine	11.03	200	94937	66.317 ng	99
70) Pentachlorophenol	11.15	266	91465	92.144 ng	96
71) Phenanthrene	11.36	178	560246	52.028 ng	99
72) Anthracene	11.42	178	584395	53.158 ng	98
73) Carbazole	11.57	167	541302	51.873 ng	99
74) Di-n-butylphthalate	11.89	149	638382	51.418 ng	99
75) Fluoranthene	12.54	202	555125	50.172 ng	99
77) Benzidine	12.67	184	189612	48.779 ng	98
78) Pyrene	12.77	202	565183	55.819 ng	99
80) Butylbenzylphthalate	13.38	149	246856	51.597 ng	95
81) Benzo(a)anthracene	13.96	228	409863	50.838 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	121834	46.895 ng	97
83) Chrysene	14.00	228	403232	51.281 ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	325038	52.692 ng	99
85) Di-n-octyl phthalate	14.56	149	490128	50.481 ng	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	380828	66.384 ng	99
88) Benzo(b)fluoranthene	15.01	252	318802	46.085 ng	100
89) Benzo(k)fluoranthene	15.04	252	340858	52.016 ng	98
90) Benzo(a)pyrene	15.37	252	323534	53.298 ng	98
91) Dibenzo(a,h)anthracene	16.89	278	318136	65.787 ng	98
92) Benzo(g,h,i)perylene	17.31	276	322407	66.905 ng	98

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

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