Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115164.D
Acq On : 24 Jun 2019 23:01
Operator : HP/JU
Sample : K3482-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3MSD

Quant Time: Jun 25 07:43:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	212335	20.00	ng		0.02
21) Naphthalene-d8	7.92	136	532927	20.00	ng		0.02
39) Acenaphthene-d10	9.64	164	562111	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1136074	20.00	ng		0.00
76) Chrysene-d12	13.74	240	710330	20.00	ng		-0.01
87) Perylene-d12	15.09	264	696137	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1330557	96.70	ng		0.01
7) Phenol-d6	6.26	99	1577716	94.47	ng		0.00
23) Nitrobenzene-d5	7.19	82	468821	54.12	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	542602	91.54	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2041859	61.70	ng		0.00
79) Terphenyl-d14	12.70	244	2415532	72.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	298584	45.980	ng		99
3) Pyridine	2.91	79	779729	42.601	ng		98
4) n-Nitrosodimethylamine	2.85	42	350761	48.885	ng		98
6) Aniline	6.28	93	326454	14.223	ng	#	61
8) 2-Chlorophenol	6.42	128	366126	23.664	ng		99
9) Benzaldehyde	6.17	77	317311	29.122	ng		82
10) Phenol	6.28	94	746119	38.139	ng		98
11) bis(2-Chloroethyl)ether	6.37	93	566037	39.252	ng	#	81
12) 1,3-Dichlorobenzene	6.58	146	632467	36.833	ng		97
13) 1,4-Dichlorobenzene	6.65	146	489366	28.421	ng	#	79
14) 1,2-Dichlorobenzene	6.81	146	331875	20.813	ng	#	39
15) Benzyl Alcohol	6.78	79	655039	53.864	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.92	45	431300	20.621	ng	#	19
17) 2-Methylphenol	6.89	107	427348	33.463	ng	#	79
18) Hexachloroethane	7.15	117	233710	37.649	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	103172	9.649	ng	#	85
20) 3+4-Methylphenols	7.04	107	367806	24.942	ng	#	76
22) Acetophenone	7.05	105	522009	42.786	ng	#	87
24) Nitrobenzene	7.21	77	571830	59.914	ng	#	87
25) Isophorone	7.46	82	892660	50.299	ng	#	51
26) 2-Nitrophenol	7.53	139	244025	51.773	ng	#	1
27) 2,4-Dimethylphenol	7.58	122	322838	41.834	ng		85
28) bis(2-Chloroethoxy)methane	7.67	93	415165	37.012	ng	#	49
29) 2,4-Dichlorophenol	7.78	162	452169	56.777	ng		91
30) 1,2,4-Trichlorobenzene	7.87	180	486301	55.281	ng		99
31) Naphthalene	7.94	128	1543958	59.020	ng	#	95
32) Benzoic acid	7.73	122	71623	13.002	ng	#	30
33) 4-Chloroaniline	7.98	127	219431	18.354	ng	#	11
34) Hexachlorobutadiene	8.07	225	291697	60.509	ng		99
35) Caprolactam	8.37	113	340181	127.049	ng	#	34
36) 4-Chloro-3-methylphenol	8.46	107	565701	70.140	ng		93
37) 2-Methylnaphthalene	8.62	142	1208254	68.501	ng		97
38) 1-Methylnaphthalene	8.72	142	1932016	114.687	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	554127	34.885	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	630525	66.943	ng		99
43) 2,4,6-Trichlorophenol	8.89	196	452366	36.888	ng		100
44) 2,4,5-Trichlorophenol	8.92	196	476848	37.759	ng	#	91
46) 1,1'-Biphenyl	9.08	154	1692527	37.631	ng		99
47) 2-Chloronaphthalene	9.10	162	1329465	36.440	ng		98
48) 2-Nitroaniline	9.19	65	396322	37.261	ng		91
49) Acenaphthylene	9.51	152	2160585	38.010	ng		98
50) Dimethylphthalate	9.38	163	2047784	49.516	ng		100
51) 2,6-Dinitrotoluene	9.43	165	392410	41.100	ng		98
52) Acenaphthene	9.68	154	1418502	39.881	ng		99
53) 3-Nitroaniline	9.59	138	201961	17.334	ng		99
54) 2,4-Dinitrophenol	9.70	184	225642	49.056	ng		89
55) Dibenzofuran	9.85	168	1939820	37.998	ng		97
56) 4-Nitrophenol	9.76	139	745705	79.832	ng		96
57) 2,4-Dinitrotoluene	9.83	165	529442	42.946	ng	#	96
58) Fluorene	10.19	166	1374640	39.662	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	424940	40.128	ng	#	99
60) Diethylphthalate	10.08	149	1632044	39.259	ng		99
61) 4-Chlorophenyl-phenylether	10.18	204	647685	39.226	ng		96
62) 4-Nitroaniline	10.20	138	419845	35.919	ng		98
63) Azobenzene	10.34	77	1497689	38.572	ng		99
65) 4,6-Dinitro-2-methylphenol	10.23	198	185689	32.504	ng		79
66) n-Nitrosodiphenylamine	10.30	169	1401189	39.588	ng		98
67) 4-Bromophenyl-phenylether	10.67	248	481297	39.075	ng		97
68) Hexachlorobenzene	10.73	284	514835	38.507	ng		93
69) Atrazine	10.83	200	459305	40.341	ng		99
70) Pentachlorophenol	10.92	266	570932	67.031	ng		98
71) Phenanthrene	11.14	178	2336887	38.204	ng		99
72) Anthracene	11.19	178	2349261	38.048	ng		98
73) Carbazole	11.34	167	2134563	38.715	ng		98
74) Di-n-butylphthalate	11.69	149	2471563	38.792	ng		98
75) Fluoranthene	12.32	202	2473043	40.522	ng		98
77) Benzidine	12.44	184	585135	18.551	ng		99
78) Pyrene	12.54	202	2597169	47.577	ng		98
80) Butylbenzylphthalate	13.18	149	1127557	46.804	ng		95
81) Benzo(a)anthracene	13.72	228	2129166	41.774	ng		99
82) 3,3'-Dichlorobenzidine	13.69	252	404176	21.959	ng		99
83) Chrysene	13.76	228	1942194	41.599	ng		99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1468277	46.514	ng		100
85) Di-n-octyl phthalate	14.35	149	2344276	44.201	ng		99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2025939	36.671	ng		99
88) Benzo(b)fluoranthene	14.72	252	1924685	44.310	ng		99
89) Benzo(k)fluoranthene	14.75	252	1564440	40.162	ng		100
90) Benzo(a)pyrene	15.04	252	1695640	43.311	ng		99
91) Dibenzo(a,h)anthracene	16.38	278	1605099	43.916	ng		99
92) Benzo(g,h,i)perylene	16.75	276	1755093	47.445	ng		99

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

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