Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115151.D
Acq On : 24 Jun 2019 16:40
Operator : HP/JU
Sample : K3447-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SIDEWALL-1MSD

Quant Time: Jun 25 07:39:53 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	6.61	152	269522	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	994073	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	444250	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	751578	20.00	ng		0.00
76) Chrysene-d12	13.73	240	566316	20.00	ng		-0.02
87) Perylene-d12	15.09	264	721385	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1839806	105.34	ng		0.01
7) Phenol-d6	6.26	99	2300533	108.52	ng		0.00
23) Nitrobenzene-d5	7.18	82	1400328	86.66	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	540834	115.45	ng		0.00
45) 2-Fluorobiphenyl	8.97	172	2310466	88.34	ng		-0.01
79) Terphenyl-d14	12.69	244	2000646	75.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	238177	28.895	ng		100
3) Pyridine	2.91	79	622524	26.795	ng		99
4) n-Nitrosodimethylamine	2.84	42	282121	30.976	ng		98
6) Aniline	6.27	93	366915	12.594	ng	#	1
8) 2-Chlorophenol	6.40	128	655052	33.355	ng		98
9) Benzaldehyde	6.15	77	455913	32.965	ng		99
10) Phenol	6.27	94	783118	31.537	ng		94
11) bis(2-Chloroethyl)ether	6.35	93	606102	33.112	ng		97
12) 1,3-Dichlorobenzene	6.55	146	716557	32.876	ng		99
13) 1,4-Dichlorobenzene	6.63	146	729394	33.373	ng		99
14) 1,2-Dichlorobenzene	6.78	146	669913	33.098	ng		99
15) Benzyl Alcohol	6.76	79	524094	33.952	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	853960	32.166	ng		100
17) 2-Methylphenol	6.88	107	533502	32.911	ng		99
18) Hexachloroethane	7.13	117	252271	32.016	ng		97
19) n-Nitroso-di-n-propylamine	7.04	70	423593	31.211	ng		97
20) 3+4-Methylphenols	7.03	107	634258	33.885	ng		92
22) Acetophenone	7.02	105	865543	38.033	ng	#	97
24) Nitrobenzene	7.20	77	649698	36.494	ng		99
25) Isophorone	7.44	82	1168290	35.292	ng		99
26) 2-Nitrophenol	7.51	139	346848	39.451	ng		99
27) 2,4-Dimethylphenol	7.56	122	584042	40.573	ng		97
28) bis(2-Chloroethoxy)methane	7.65	93	743045	35.513	ng		99
29) 2,4-Dichlorophenol	7.75	162	540470	36.382	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	598199	36.456	ng		100
31) Naphthalene	7.92	128	1805317	36.997	ng		99
32) Benzoic acid	7.67	122	254046	24.724	ng		94
33) 4-Chloroaniline	7.96	127	189509	8.498	ng		98
34) Hexachlorobutadiene	8.04	225	328607	36.544	ng		99
35) Caprolactam	8.33	113	153813	30.797	ng		95
36) 4-Chloro-3-methylphenol	8.45	107	531128	35.304	ng		95
37) 2-Methylnaphthalene	8.61	142	1219293	37.059	ng		99
38) 1-Methylnaphthalene	8.71	142	1140451	36.294	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	522010	41.582	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	418310	56.195 ng	99
43) 2,4,6-Trichlorophenol	8.88	196	373287	38.515 ng	99
44) 2,4,5-Trichlorophenol	8.92	196	384447	38.519 ng	99
46) 1,1'-Biphenyl	9.07	154	1407625	39.600 ng	99
47) 2-Chloronaphthalene	9.09	162	1106443	38.373 ng	98
48) 2-Nitroaniline	9.18	65	317873	37.814 ng	95
49) Acenaphthylene	9.50	152	1722975	38.353 ng	99
50) Dimethylphthalate	9.38	163	1504224	46.023 ng	99
51) 2,6-Dinitrotoluene	9.42	165	287166	38.056 ng	96
52) Acenaphthene	9.67	154	1042466	37.084 ng	98
53) 3-Nitroaniline	9.58	138	135108	14.672 ng	98
54) 2,4-Dinitrophenol	9.70	184	114505	34.127 ng	97
55) Dibenzofuran	9.85	168	1458925	36.160 ng	97
56) 4-Nitrophenol	9.75	139	485054	65.704 ng	98
57) 2,4-Dinitrotoluene	9.82	165	362501	37.205 ng	91
58) Fluorene	10.18	166	1028196	37.123 ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	292428	34.941 ng	99
60) Diethylphthalate	10.07	149	1213503	36.936 ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	510311	39.081 ng	99
62) 4-Nitroaniline	10.19	138	246941	26.732 ng	97
63) Azobenzene	10.34	77	1096513	35.732 ng	99
65) 4,6-Dinitro-2-methylphenol	10.23	198	90602	25.275 ng	91
66) n-Nitrosodiphenylamine	10.30	169	985642	42.094 ng	99
67) 4-Bromophenyl-phenylether	10.67	248	332331	40.784 ng	98
68) Hexachlorobenzene	10.73	284	346302	39.153 ng	95
69) Atrazine	10.83	200	299452	39.756 ng	99
70) Pentachlorophenol	10.92	266	388000	68.858 ng	99
71) Phenanthrene	11.14	178	1524361	37.670 ng	100
72) Anthracene	11.19	178	1562799	38.259 ng	100
73) Carbazole	11.34	167	1383659	37.934 ng	99
74) Di-n-butylphthalate	11.69	149	1708833	40.542 ng	99
75) Fluoranthene	12.31	202	1496002	37.053 ng	99
77) Benzidine	12.44	184	913504	36.327 ng	99
78) Pyrene	12.54	202	1522789	34.989 ng	99
80) Butylbenzylphthalate	13.18	149	692589	36.060 ng	92
81) Benzo(a)anthracene	13.72	228	1465196	36.057 ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	431942	29.436 ng	99
83) Chrysene	13.76	228	1385767	37.229 ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	942139	37.436 ng	99
85) Di-n-octyl phthalate	14.35	149	1675946	39.635 ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	1655869	37.595 ng	99
88) Benzo(b)fluoranthene	14.72	252	1629658	36.205 ng	99
89) Benzo(k)fluoranthene	14.75	252	1497417	37.096 ng	97
90) Benzo(a)pyrene	15.04	252	1567426	38.635 ng	100
91) Dibenzo(a,h)anthracene	16.39	278	1402005	37.017 ng	98
92) Benzo(g,h,i)perylene	16.75	276	1296355	33.818 ng	99

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

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