Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117062.D
Acq On : 16 Sep 2019 14:51
Operator : HP/JU
Sample : K4871-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-4-11MSD

Quant Time: Sep 17 05:12:19 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	55562	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	223653	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	113858	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	177708	20.00	ng		0.00
76) Chrysene-d12	13.97	240	108143	20.00	ng		0.00
87) Perylene-d12	15.43	264	127644	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	215416	60.53	ng		0.00
7) Phenol-d6	6.46	99	190656	41.45	ng		0.00
23) Nitrobenzene-d5	7.39	82	378458	88.91	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	132774	139.53	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	652768	89.64	ng		0.00
79) Terphenyl-d14	12.92	244	565039	97.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	20724	13.916	ng	#	92
3) Pyridine	3.35	79	25325	6.213	ng		97
4) n-Nitrosodimethylamine	3.23	42	19590	14.005	ng	#	90
6) Aniline	6.49	93	105828	17.872	ng		96
8) 2-Chlorophenol	6.61	128	148621	38.711	ng		98
9) Benzaldehyde	6.37	77	75195	30.473	ng		98
10) Phenol	6.47	94	97813	19.291	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	155015	41.598	ng		97
12) 1,3-Dichlorobenzene	6.76	146	154315	35.819	ng		98
13) 1,4-Dichlorobenzene	6.84	146	159341	36.242	ng		98
14) 1,2-Dichlorobenzene	6.99	146	152293	37.205	ng		95
15) Benzyl Alcohol	6.96	79	88923	25.212	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	150953	41.001	ng		93
17) 2-Methylphenol	7.09	107	103743	32.242	ng		94
18) Hexachloroethane	7.33	117	59644	35.264	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	128678	45.946	ng		94
20) 3+4-Methylphenols	7.24	107	121647	30.352	ng	#	73
22) Acetophenone	7.23	105	258937	45.569	ng		96
24) Nitrobenzene	7.40	77	192075	45.693	ng		98
25) Isophorone	7.65	82	352400	46.758	ng		100
26) 2-Nitrophenol	7.72	139	89505	49.571	ng		97
27) 2,4-Dimethylphenol	7.76	122	133031	46.461	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	207631	44.715	ng		100
29) 2,4-Dichlorophenol	7.97	162	135467	45.153	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	126645	39.072	ng		98
31) Naphthalene	8.13	128	465962	43.320	ng		99
32) Benzoic acid	7.84	122	10429	10.755	ng		88
33) 4-Chloroaniline	8.17	127	77423	16.229	ng		99
34) Hexachlorobutadiene	8.25	225	66822	36.337	ng		99
35) Caprolactam	8.55	113	5924	5.834	ng	#	87
36) 4-Chloro-3-methylphenol	8.66	107	152418	43.569	ng		99
37) 2-Methylnaphthalene	8.82	142	327888	45.268	ng		98
38) 1-Methylnaphthalene	8.92	142	300771	44.336	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	129991	44.213	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	103573	79.726 ng		100
43) 2,4,6-Trichlorophenol	9.09	196	95064	47.645 ng		100
44) 2,4,5-Trichlorophenol	9.14	196	100948	47.355 ng		96
46) 1,1'-Biphenyl	9.27	154	398544	44.625 ng		100
47) 2-Chloronaphthalene	9.30	162	311829	44.241 ng		98
48) 2-Nitroaniline	9.40	65	101711	44.989 ng		93
49) Acenaphthylene	9.72	152	485629	45.992 ng		100
50) Dimethylphthalate	9.57	163	408235	50.639 ng		99
51) 2,6-Dinitrotoluene	9.64	165	85146	51.858 ng		99
52) Acenaphthene	9.89	154	281529	44.978 ng		99
53) 3-Nitroaniline	9.81	138	38012	18.349 ng		95
54) 2,4-Dinitrophenol	9.92	184	56927	80.262 ng		93
55) Dibenzofuran	10.06	168	439282	47.567 ng		97
56) 4-Nitrophenol	9.99	139	40823	30.405 ng		96
57) 2,4-Dinitrotoluene	10.05	165	110546	51.868 ng		94
58) Fluorene	10.40	166	351196	47.209 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	79618	48.806 ng	#	99
60) Diethylphthalate	10.27	149	376611	47.484 ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	151780	47.156 ng		99
62) 4-Nitroaniline	10.42	138	70862	32.892 ng		94
63) Azobenzene	10.55	77	377937	46.656 ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	46548	56.123 ng		94
66) n-Nitrosodiphenylamine	10.51	169	307268	50.066 ng		99
67) 4-Bromophenyl-phenylether	10.88	248	86926	47.898 ng		98
68) Hexachlorobenzene	10.95	284	91061	45.875 ng	#	92
69) Atrazine	11.05	200	77290	53.135 ng		96
70) Pentachlorophenol	11.15	266	101809	109.419 ng		98
71) Phenanthrene	11.36	178	481601	47.713 ng		100
72) Anthracene	11.42	178	508702	49.365 ng		99
73) Carbazole	11.57	167	452318	46.242 ng		98
74) Di-n-butylphthalate	11.89	149	573838	49.308 ng		100
75) Fluoranthene	12.55	202	461540	44.502 ng		97
77) Benzidine	12.66	184	795	0.228 ng	#	1
78) Pyrene	12.78	202	459448	50.633 ng		100
80) Butylbenzylphthalate	13.39	149	208702	48.675 ng		97
81) Benzo(a)anthracene	13.97	228	335396	46.420 ng		98
82) 3,3'-Dichlorobenzidine	13.91	252	726	0.312 ng	#	1
83) Chrysene	14.00	228	340228	48.281 ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	292138	52.844 ng		99
85) Di-n-octyl phthalate	14.56	149	459387	52.796 ng		100
86) Indeno(1,2,3-cd)pyrene	16.87	276	384713	74.830 ng		98
88) Benzo(b)fluoranthene	15.01	252	316987	40.998 ng		99
89) Benzo(k)fluoranthene	15.04	252	324310	44.279 ng		99
90) Benzo(a)pyrene	15.37	252	318133	46.889 ng		99
91) Dibenzo(a,h)anthracene	16.89	278	322670	59.698 ng		97
92) Benzo(g,h,i)perylene	17.31	276	322607	59.897 ng		96

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

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