Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108253.D
Acq On : 17 Aug 2018 19:51
Operator : JU/SJ
Sample : J4511-10MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-FL-031MS

Quant Time: Aug 17 23:44:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	138715	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	502193	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	228560	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	423120	20.00	ng		0.00
75) Chrysene-d12	14.21	240	399234	20.00	ng		0.00
86) Perylene-d12	15.78	264	294814	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	719482	93.90	ng		0.01
7) Phenol-d6	6.64	99	935548	91.89	ng		0.00
23) Nitrobenzene-d5	7.58	82	607324	67.48	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	228836	100.37	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1056305	74.20	ng		0.00
78) Terphenyl-d14	13.14	244	1086502	69.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	95983	24.380	ng		88
3) Pyridine	3.69	79	275609	27.176	ng		86
4) n-Nitrosodimethylamine	3.64	42	159079	27.876	ng		83
6) Aniline	6.68	93	350308	25.294	ng		96
8) 2-Chlorophenol	6.80	128	278604	32.286	ng		95
9) Benzaldehyde	6.57	77	162226	20.551	ng		100
10) Phenol	6.65	94	350929	33.321	ng		90
11) bis(2-Chloroethyl)ether	6.75	93	275515	32.359	ng		93
12) 1,3-Dichlorobenzene	6.96	146	313349	31.405	ng		100
13) 1,4-Dichlorobenzene	7.04	146	320921	32.012	ng		96
14) 1,2-Dichlorobenzene	7.19	146	300381	32.213	ng		97
15) Benzyl Alcohol	7.15	79	260585	30.402	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	530849	30.264	ng		97
17) 2-Methylphenol	7.25	107	230973	31.212	ng		96
18) Hexachloroethane	7.53	117	105883	29.667	ng		89
19) n-Nitroso-di-n-propylamine	7.42	70	208897	30.340	ng		91
20) 3+4-Methylphenols	7.41	107	294660	31.072	ng		99
22) Acetophenone	7.42	105	402727	34.296	ng	#	92
24) Nitrobenzene	7.60	77	304415	33.450	ng		94
25) Isophorone	7.83	82	545821	31.819	ng		98
26) 2-Nitrophenol	7.91	139	123166	35.837	ng		96
27) 2,4-Dimethylphenol	7.94	122	246470	32.374	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	338529	33.806	ng		99
29) 2,4-Dichlorophenol	8.15	162	233069	33.266	ng		99
30) 1,2,4-Trichlorobenzene	8.24	180	253567	32.826	ng		97
31) Naphthalene	8.32	128	798650	34.969	ng		100
32) Benzoic acid	7.99	122	11428	8.239	ng		86
33) 4-Chloroaniline	8.37	127	257897	25.912	ng		98
34) Hexachlorobutadiene	8.43	225	165570	33.858	ng		99
35) Caprolactam	8.72	113	67306	30.655	ng	#	78
36) 4-Chloro-3-methylphenol	8.84	107	229504	30.365	ng		97
37) 2-Methylnaphthalene	9.01	142	532632	32.963	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	262318	37.373	ng		98
40) Hexachlorocyclopentadiene	9.16	237	58382	12.878	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	161528	37.086	ng		100
43) 2,4,5-Trichlorophenol	9.32	196	169630	35.379	ng		96
45) 1,1'-Biphenyl	9.48	154	627577	37.241	ng		98
46) 2-Chloronaphthalene	9.50	162	476753	35.795	ng		98
47) 2-Nitroaniline	9.60	65	158102	36.687	ng		85
48) Acenaphthylene	9.92	152	737843	35.041	ng		100
49) Dimethylphthalate	9.77	163	647713	40.683	ng		99
50) 2,6-Dinitrotoluene	9.84	165	116466	34.964	ng		95
51) Acenaphthene	10.10	154	430844	33.407	ng		100
52) 3-Nitroaniline	10.01	138	113307	31.090	ng		92
53) 2,4-Dinitrophenol	10.11	184	3171	9.341	ng	#	36
54) Dibenzofuran	10.27	168	659915	35.318	ng		98
55) 4-Nitrophenol	10.16	139	172291	62.428	ng		83
56) 2,4-Dinitrotoluene	10.24	165	146176	34.092	ng	#	99
57) Fluorene	10.61	166	525333	35.517	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	133600	33.338	ng	#	87
59) Diethylphthalate	10.47	149	535352	34.725	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	259280	33.641	ng	#	88
61) 4-Nitroaniline	10.62	138	114643	31.816	ng		93
62) Azobenzene	10.76	77	521498	32.754	ng		94
64) 4,6-Dinitro-2-methylphenol	10.65	198	7381	9.486	ng		87
65) n-Nitrosodiphenylamine	10.72	169	454527	36.352	ng		96
66) 4-Bromophenyl-phenylether	11.10	248	160588	34.924	ng	#	82
67) Hexachlorobenzene	11.16	284	162950	33.681	ng		90
68) Atrazine	11.24	200	148676	35.452	ng		95
69) Pentachlorophenol	11.36	266	151680	65.501	ng		95
70) Phenanthrene	11.58	178	931356	46.668	ng		99
71) Anthracene	11.64	178	806580	39.433	ng		100
72) Carbazole	11.79	167	674047	37.090	ng		98
73) Di-n-butylphthalate	12.10	149	797611	38.748	ng		99
74) Fluoranthene	12.78	202	1006242	46.199	ng		96
76) Benzidine	12.90	184	158323	10.614	ng		99
77) Pyrene	13.01	202	979265	38.743	ng		100
79) Butylbenzylphthalate	13.61	149	350697	34.942	ng		97
80) Benzo(a)anthracene	14.21	228	906781	39.577	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	205438	25.020	ng	#	97
82) Chrysene	14.24	228	808224	38.477	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	493292	36.295	ng		99
84) Di-n-octyl phthalate	14.79	149	867213	41.838	ng		96
85) Indeno(1,2,3-cd)pyrene	17.40	276	466883	25.652	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	778560	44.195	ng		96
88) Benzo(k)fluoranthene	15.34	252	632749	39.074	ng	#	96
89) Benzo(a)pyrene	15.71	252	605801	38.403	ng	#	97
90) Dibenzo(a,h)anthracene	17.41	278	374938	28.726	ng	#	94
91) Benzo(g,h,i)perylene	17.89	276	391892	30.492	ng	#	91

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

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