Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108252.D
Acq On : 17 Aug 2018 19:23
Operator : JU/SJ
Sample : J4501-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081318-FL-020MSD

Quant Time: Aug 17 23:44:20 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	7.01	152	134897	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	518328	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	262750	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	508157	20.00	ng		0.00
75) Chrysene-d12	14.21	240	454608	20.00	ng		0.00
86) Perylene-d12	15.77	264	418105	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	754234	101.23	ng		0.01
7) Phenol-d6	6.64	99	1000670	101.06	ng		0.00
23) Nitrobenzene-d5	7.58	82	652945	70.29	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	284554	108.57	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1212932	74.11	ng		0.00
78) Terphenyl-d14	13.14	244	1319879	73.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	87736	22.916	ng		91
3) Pyridine	3.68	79	248709	25.218	ng		85
4) n-Nitrosodimethylamine	3.63	42	143423	25.844	ng	#	87
6) Aniline	6.68	93	350218	26.004	ng		97
8) 2-Chlorophenol	6.80	128	262153	31.239	ng		97
9) Benzaldehyde	6.57	77	151378	19.719	ng		94
10) Phenol	6.65	94	332974	32.511	ng		91
11) bis(2-Chloroethyl)ether	6.74	93	252042	30.440	ng		90
12) 1,3-Dichlorobenzene	6.96	146	289069	29.791	ng		99
13) 1,4-Dichlorobenzene	7.03	146	291438	29.894	ng		98
14) 1,2-Dichlorobenzene	7.19	146	275192	30.347	ng		96
15) Benzyl Alcohol	7.15	79	249108	29.885	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	493012	28.903	ng		97
17) 2-Methylphenol	7.25	107	219126	30.449	ng		96
18) Hexachloroethane	7.53	117	97152	27.991	ng	#	87
19) n-Nitroso-di-n-propylamine	7.41	70	195889	29.256	ng	#	87
20) 3+4-Methylphenols	7.41	107	287334	31.157	ng		97
22) Acetophenone	7.42	105	383119	31.611	ng	#	93
24) Nitrobenzene	7.60	77	290203	30.896	ng		95
25) Isophorone	7.83	82	533299	30.122	ng		97
26) 2-Nitrophenol	7.91	139	118732	33.472	ng		95
27) 2,4-Dimethylphenol	7.94	122	242646	30.879	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	323330	31.283	ng		99
29) 2,4-Dichlorophenol	8.15	162	234886	32.482	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	243086	30.489	ng		96
31) Naphthalene	8.32	128	761979	32.325	ng		99
32) Benzoic acid	8.00	122	22371	10.270	ng		93
33) 4-Chloroaniline	8.37	127	279150	27.174	ng		98
34) Hexachlorobutadiene	8.43	225	152744	30.263	ng		97
35) Caprolactam	8.72	113	71492	31.548	ng	#	80
36) 4-Chloro-3-methylphenol	8.84	107	245182	31.429	ng		98
37) 2-Methylnaphthalene	9.01	142	522966	31.357	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	263260	32.627	ng	#	97
40) Hexachlorocyclopentadiene	9.16	237	92326	17.715	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	170422	34.036	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	189518	34.383	ng		98
45) 1,1'-Biphenyl	9.48	154	642607	33.171	ng		97
46) 2-Chloronaphthalene	9.51	162	495443	32.358	ng		96
47) 2-Nitroaniline	9.60	65	173654	35.052	ng		85
48) Acenaphthylene	9.92	152	792349	32.733	ng		100
49) Dimethylphthalate	9.77	163	701650	38.336	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	127201	33.218	ng		90
51) Acenaphthene	10.10	154	460313	31.047	ng		99
52) 3-Nitroaniline	10.01	138	130404	31.125	ng		93
53) 2,4-Dinitrophenol	10.11	184	8068	12.156	ng	#	26
54) Dibenzofuran	10.27	168	702779	32.718	ng		98
55) 4-Nitrophenol	10.17	139	195319	61.563	ng		93
56) 2,4-Dinitrotoluene	10.24	165	170410	34.573	ng	#	96
57) Fluorene	10.61	166	554550	32.613	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	151291	32.840	ng	#	86
59) Diethylphthalate	10.47	149	579659	32.706	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	281848	31.811	ng	#	87
61) 4-Nitroaniline	10.62	138	137110	33.100	ng		95
62) Azobenzene	10.76	77	576429	31.493	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	16057	12.835	ng		84
65) n-Nitrosodiphenylamine	10.72	169	510756	34.013	ng		95
66) 4-Bromophenyl-phenylether	11.10	248	179165	32.444	ng	#	82
67) Hexachlorobenzene	11.16	284	181327	31.208	ng		92
68) Atrazine	11.24	200	175056	34.757	ng		93
69) Pentachlorophenol	11.35	266	159123	57.216	ng		95
70) Phenanthrene	11.58	178	797140	33.259	ng		99
71) Anthracene	11.64	178	826109	33.629	ng		100
72) Carbazole	11.79	167	731667	33.523	ng		98
73) Di-n-butylphthalate	12.10	149	889384	35.976	ng		99
74) Fluoranthene	12.78	202	857733	32.790	ng		96
76) Benzidine	12.90	184	680351	40.055	ng		99
77) Pyrene	13.01	202	870816	30.256	ng		99
79) Butylbenzylphthalate	13.61	149	367080	32.119	ng	#	94
80) Benzo(a)anthracene	14.20	228	836813	32.074	ng		100
81) 3,3'-Dichlorobenzidine	14.16	252	315286	33.721	ng	#	97
82) Chrysene	14.24	228	779600	32.593	ng		100
83) Bis(2-ethylhexyl)phthalate	14.16	149	506790	32.746	ng		99
84) Di-n-octyl phthalate	14.79	149	895815	37.953	ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	591932	28.562	ng	#	91
87) Benzo(b)fluoranthene	15.30	252	803989	32.181	ng		97
88) Benzo(k)fluoranthene	15.34	252	720502	31.373	ng	#	95
89) Benzo(a)pyrene	15.71	252	700311	31.303	ng	#	96
90) Dibenzo(a,h)anthracene	17.41	278	496699	26.833	ng	#	93
91) Benzo(g,h,i)perylene	17.88	276	471293	25.857	ng	#	91

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

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