Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121344.D
Acq On : 20 Aug 2020 13:40
Operator : JU/CG
Sample : L3507-08MS 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-081820

Quant Time: Aug 20 15:35:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	143621	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	557444	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	278341	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	503253	20.00	ng		0.00
76) Chrysene-d12	13.85	240	339723	20.00	ng		0.00
86) Perylene-d12	15.26	264	397585	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	319138	36.44	ng		0.00
7) Phenol-d6	6.33	99	384551	34.39	ng		0.00
23) Nitrobenzene-d5	7.26	82	241071	24.46	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	106281	32.77	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	480071	23.80	ng		0.00
79) Terphenyl-d14	12.79	244	423909	24.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	43968	11.093	ng		95
3) Pyridine	3.03	79	100425	9.440	ng		99
4) n-Nitrosodimethylamine	2.95	42	54855	12.669	ng		97
6) Aniline	6.35	93	155685	12.058	ng		98
8) 2-Chlorophenol	6.47	128	128833	14.073	ng		97
9) Benzaldehyde	6.24	77	77906	12.385	ng		97
10) Phenol	6.35	94	166074	14.165	ng		94
11) bis(2-Chloroethyl)ether	6.43	93	125079	13.852	ng		97
12) 1,3-Dichlorobenzene	6.63	146	134093	13.074	ng		98
13) 1,4-Dichlorobenzene	6.71	146	136801	13.213	ng		99
14) 1,2-Dichlorobenzene	6.86	146	130597	13.245	ng		98
15) Benzyl Alcohol	6.84	79	102203	15.192	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	172322	12.961	ng		99
17) 2-Methylphenol	6.96	107	103695	13.728	ng		99
18) Hexachloroethane	7.20	117	42586	11.046	ng		96
19) n-Nitroso-di-n-propylamine	7.10	70	86328	14.356	ng		98
20) 3+4-Methylphenols	7.12	107	136042	12.366	ng	#	78
22) Acetophenone	7.10	105	182214	13.981	ng	#	93
24) Nitrobenzene	7.27	77	130374	12.978	ng		98
25) Isophorone	7.52	82	240197	13.391	ng		99
26) 2-Nitrophenol	7.59	139	60082	11.662	ng		95
27) 2,4-Dimethylphenol	7.64	122	113221	15.401	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	151644	12.419	ng		100
29) 2,4-Dichlorophenol	7.85	162	104787	13.055	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	114014	12.422	ng		99
31) Naphthalene	8.00	128	385418	13.892	ng		99
32) Benzoic acid	7.74	122	49918	14.472	ng		95
33) 4-Chloroaniline	8.05	127	124150	10.106	ng		99
34) Hexachlorobutadiene	8.12	225	66620	12.265	ng		99
35) Caprolactam	8.40	113	33782	12.851	ng		96
36) 4-Chloro-3-methylphenol	8.53	107	108975	13.424	ng		97
37) 2-Methylnaphthalene	8.69	142	266255	14.807	ng		99
38) 1-Methylnaphthalene	8.79	142	250016	14.623	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	115300	13.957	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	2911	7.000	ng		96
43) 2,4,6-Trichlorophenol	8.97	196	74878	13.258	ng		98
44) 2,4,5-Trichlorophenol	9.01	196	80069	13.780	ng		99
46) 1,1'-Biphenyl	9.15	154	308513	14.788	ng		97
47) 2-Chloronaphthalene	9.17	162	227675	13.247	ng		96
48) 2-Nitroaniline	9.27	65	70905	13.103	ng		95
49) Acenaphthylene	9.59	152	383108	15.007	ng		99
50) Dimethylphthalate	9.45	163	325998	16.099	ng		99
51) 2,6-Dinitrotoluene	9.52	165	54959	12.708	ng		95
52) Acenaphthene	9.76	154	238288	15.362	ng		98
53) 3-Nitroaniline	9.68	138	60120	11.113	ng		95
55) Dibenzofuran	9.93	168	355465	14.266	ng		100
56) 4-Nitrophenol	9.86	139	84889	25.443	ng		91
57) 2,4-Dinitrotoluene	9.92	165	68316	12.949	ng		95
58) Fluorene	10.27	166	300804	16.785	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	63552	12.795	ng	#	98
60) Diethylphthalate	10.15	149	269683	13.638	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	123714	12.296	ng		99
62) 4-Nitroaniline	10.29	138	63182	11.398	ng		97
63) Azobenzene	10.42	77	247655	13.484	ng		98
66) n-Nitrosodiphenylamine	10.38	169	227987	14.687	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	75179	13.467	ng		96
68) Hexachlorobenzene	10.82	284	82440	12.812	ng		93
69) Atrazine	10.91	200	58271	12.118	ng		98
70) Pentachlorophenol	11.02	266	72528	25.333	ng		98
71) Phenanthrene	11.23	178	627992	24.111	ng		99
72) Anthracene	11.28	178	444539	17.724	ng		99
73) Carbazole	11.44	167	336948	14.076	ng		99
74) Di-n-butylphthalate	11.77	149	423040	14.656	ng		99
75) Fluoranthene	12.42	202	663202	23.459	ng		97
77) Benzidine	12.55	184	160509	17.149	ng		99
78) Pyrene	12.65	202	641991	25.157	ng		99
80) Butylbenzylphthalate	13.27	149	154058	14.050	ng		97
81) Benzo(a)anthracene	13.83	228	421798	19.990	ng		98
82) 3,3'-Dichlorobenzidine	13.80	252	107900	13.318	ng		98
83) Chrysene	13.87	228	402298	18.642	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	203508	15.782	ng		100
85) Di-n-octyl phthalate	14.44	149	366492	15.357	ng		97
87) Indeno(1,2,3-cd)pyrene	16.61	276	371360	15.301	ng		100
88) Benzo(b)fluoranthene	14.86	252	447502	17.422	ng		99
89) Benzo(k)fluoranthene	14.88	252	330824	14.632	ng		99
90) Benzo(a)pyrene	15.20	252	383617	17.285	ng		99
91) Dibenzo(a,h)anthracene	16.62	278	271791	13.659	ng		99
92) Benzo(g,h,i)perylene	17.02	276	311214	15.998	ng		100

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

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