Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121345.D
Acq On : 20 Aug 2020 14:11
Operator : JU/CG
Sample : L3507-08MSD 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-081820

Quant Time: Aug 20 15:38:35 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	139921	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	528212	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	260335	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	456087	20.00	ng		0.00
76) Chrysene-d12	13.84	240	354346	20.00	ng		0.00
86) Perylene-d12	15.26	264	394055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	308069	36.10	ng		0.00
7) Phenol-d6	6.33	99	365873	33.59	ng		0.00
23) Nitrobenzene-d5	7.26	82	232056	24.85	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	95677	31.54	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	456539	24.46	ng		0.00
79) Terphenyl-d14	12.79	244	412678	22.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	43744	11.329	ng		99
3) Pyridine	3.03	79	90672	8.749	ng		99
4) n-Nitrosodimethylamine	2.95	42	52772	12.510	ng		95
6) Aniline	6.35	93	151698	12.060	ng		96
8) 2-Chlorophenol	6.47	128	124270	13.934	ng		96
9) Benzaldehyde	6.24	77	74431	12.146	ng		97
10) Phenol	6.35	94	157676	13.805	ng		93
11) bis(2-Chloroethyl)ether	6.43	93	117619	13.371	ng		97
12) 1,3-Dichlorobenzene	6.63	146	129841	12.994	ng		97
13) 1,4-Dichlorobenzene	6.71	146	131389	13.025	ng		99
14) 1,2-Dichlorobenzene	6.86	146	125007	13.013	ng		98
15) Benzyl Alcohol	6.84	79	97803	14.922	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	166286	12.838	ng		99
17) 2-Methylphenol	6.96	107	98335	13.363	ng		99
18) Hexachloroethane	7.20	117	38101	10.144	ng		96
19) n-Nitroso-di-n-propylamine	7.10	70	82261	14.041	ng		97
20) 3+4-Methylphenols	7.12	107	130344	12.000	ng	#	78
22) Acetophenone	7.10	105	173624	14.060	ng	#	93
24) Nitrobenzene	7.27	77	123238	12.947	ng		98
25) Isophorone	7.52	82	229212	13.486	ng		99
26) 2-Nitrophenol	7.59	139	54911	11.248	ng		92
27) 2,4-Dimethylphenol	7.64	122	107973	15.500	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	145603	12.584	ng		100
29) 2,4-Dichlorophenol	7.85	162	98458	12.946	ng		95
30) 1,2,4-Trichlorobenzene	7.92	180	109783	12.623	ng		99
31) Naphthalene	8.00	128	371552	14.134	ng		99
32) Benzoic acid	7.74	122	42903	13.783	ng		95
33) 4-Chloroaniline	8.05	127	121016	10.396	ng		98
34) Hexachlorobutadiene	8.12	225	64298	12.492	ng		99
35) Caprolactam	8.40	113	31673	12.716	ng		93
36) 4-Chloro-3-methylphenol	8.53	107	101560	13.203	ng		95
37) 2-Methylnaphthalene	8.69	142	251713	14.773	ng		99
38) 1-Methylnaphthalene	8.79	142	233104	14.388	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	109255	14.140	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	2847	7.037	ng		90
43) 2,4,6-Trichlorophenol	8.97	196	69551	13.167	ng		99
44) 2,4,5-Trichlorophenol	9.02	196	73917	13.601	ng		94
46) 1,1'-Biphenyl	9.15	154	292043	14.967	ng		97
47) 2-Chloronaphthalene	9.17	162	212054	13.191	ng		97
48) 2-Nitroaniline	9.27	65	67850	13.405	ng		94
49) Acenaphthylene	9.59	152	358894	15.031	ng		99
50) Dimethylphthalate	9.45	163	305515	16.131	ng		99
51) 2,6-Dinitrotoluene	9.52	165	49399	12.212	ng		98
52) Acenaphthene	9.76	154	218160	15.037	ng		99
53) 3-Nitroaniline	9.68	138	57617	11.387	ng		93
55) Dibenzofuran	9.93	168	328090	13.997	ng		100
56) 4-Nitrophenol	9.86	139	75651	24.242	ng		95
57) 2,4-Dinitrotoluene	9.92	165	59813	12.121	ng		99
58) Fluorene	10.27	166	276318	16.358	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	58523	12.597	ng	#	97
60) Diethylphthalate	10.15	149	252563	13.656	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	114046	12.014	ng		95
62) 4-Nitroaniline	10.29	138	59766	11.527	ng		96
63) Azobenzene	10.43	77	223073	12.986	ng		95
66) n-Nitrosodiphenylamine	10.39	169	206705	14.693	ng		100
67) 4-Bromophenyl-phenylether	10.76	248	68318	13.504	ng		97
68) Hexachlorobenzene	10.82	284	73328	12.574	ng		98
69) Atrazine	10.92	200	53837	12.353	ng		98
70) Pentachlorophenol	11.02	266	62719	24.172	ng		98
71) Phenanthrene	11.23	178	571641	24.217	ng		100
72) Anthracene	11.29	178	399578	17.579	ng		99
73) Carbazole	11.44	167	306390	14.123	ng		99
74) Di-n-butylphthalate	11.77	149	384345	14.692	ng		99
75) Fluoranthene	12.42	202	628330	24.524	ng		100
77) Benzidine	12.54	184	178988	18.334	ng		99
78) Pyrene	12.64	202	628081	23.597	ng		99
80) Butylbenzylphthalate	13.27	149	151814	13.274	ng		97
81) Benzo(a)anthracene	13.83	228	438727	19.934	ng		98
82) 3,3'-Dichlorobenzidine	13.80	252	114733	13.577	ng		99
83) Chrysene	13.87	228	423389	18.809	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	205322	15.265	ng	#	98
85) Di-n-octyl phthalate	14.44	149	374462	15.044	ng	#	96
87) Indeno(1,2,3-cd)pyrene	16.61	276	353170	14.682	ng		99
88) Benzo(b)fluoranthene	14.86	252	438664	17.231	ng		99
89) Benzo(k)fluoranthene	14.88	252	355498	15.864	ng		99
90) Benzo(a)pyrene	15.20	252	383104	17.417	ng		100
91) Dibenzo(a,h)anthracene	16.62	278	257047	13.033	ng		99
92) Benzo(g,h,i)perylene	17.02	276	290633	15.074	ng		98

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

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