Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121272.D
Acq On : 13 Aug 2020 15:49
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF081320

Quant Time: Aug 13 16:25:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 15:23:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	49519	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	182816	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	94439	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	188212	20.00	ng		0.00
76) Chrysene-d12	13.87	240	169197	20.00	ng		0.00
86) Perylene-d12	15.29	264	183236	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	269187	82.41	ng		0.00
7) Phenol-d6	6.36	99	343393	81.58	ng		0.00
23) Nitrobenzene-d5	7.29	82	280223	83.77	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	98995	85.14	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	566465	82.97	ng		0.00
79) Terphenyl-d14	12.82	244	707671	81.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	58036	41.753	ng		98
3) Pyridine	2.97	79	149027	41.186	ng		99
4) n-Nitrosodimethylamine	2.91	42	63096	42.578	ng		100
6) Aniline	6.38	93	206570	41.400	ng		90
8) 2-Chlorophenol	6.50	128	148597	41.373	ng		96
9) Benzaldehyde	6.27	77	87766	40.462	ng		96
10) Phenol	6.37	94	190128	41.640	ng		90
11) bis(2-Chloroethyl)ether	6.46	93	135199	41.022	ng		98
12) 1,3-Dichlorobenzene	6.66	146	154942	40.828	ng		99
13) 1,4-Dichlorobenzene	6.74	146	155713	40.595	ng		98
14) 1,2-Dichlorobenzene	6.89	146	148638	41.058	ng		99
15) Benzyl Alcohol	6.86	79	116973	41.487	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	193417	40.755	ng		99
17) 2-Methylphenol	6.98	107	115930	40.863	ng		99
18) Hexachloroethane	7.23	117	55728	41.084	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	96233	41.150	ng		98
20) 3+4-Methylphenols	7.14	107	148196	41.171	ng	#	76
22) Acetophenone	7.13	105	193953	41.190	ng	#	98
24) Nitrobenzene	7.30	77	151235	41.667	ng		97
25) Isophorone	7.55	82	275893	41.080	ng		97
26) 2-Nitrophenol	7.62	139	75750	43.073	ng		92
27) 2,4-Dimethylphenol	7.66	122	117142	41.573	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	152412	40.573	ng		99
29) 2,4-Dichlorophenol	7.87	162	119830	41.587	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	131089	41.220	ng		98
31) Naphthalene	8.03	128	423748	41.200	ng		99
32) Benzoic acid	7.77	122	59607	39.711	ng		100
33) 4-Chloroaniline	8.08	127	172639	41.131	ng		98
34) Hexachlorobutadiene	8.15	225	78786	40.945	ng		98
35) Caprolactam	8.43	113	36519	42.077	ng		99
36) 4-Chloro-3-methylphenol	8.56	107	122729	41.747	ng		97
37) 2-Methylnaphthalene	8.72	142	278881	41.205	ng		98
38) 1-Methylnaphthalene	8.82	142	264365	41.253	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	131772	41.643	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	36133	40.618	ng		98
43) 2,4,6-Trichlorophenol	9.00	196	84174	41.826	ng		99
44) 2,4,5-Trichlorophenol	9.04	196	92236	42.196	ng		99
46) 1,1'-Biphenyl	9.18	154	336385	41.223	ng		98
47) 2-Chloronaphthalene	9.20	162	260809	41.520	ng		99
48) 2-Nitroaniline	9.30	65	76277	43.201	ng		93
49) Acenaphthylene	9.62	152	417191	41.816	ng		100
50) Dimethylphthalate	9.48	163	295347	41.561	ng		100
51) 2,6-Dinitrotoluene	9.55	165	68753	43.402	ng		90
52) Acenaphthene	9.79	154	247228	41.854	ng		98
53) 3-Nitroaniline	9.71	138	79333	43.861	ng		99
54) 2,4-Dinitrophenol	9.82	184	23869	40.013	ng	#	82
55) Dibenzofuran	9.96	168	392443	41.720	ng		97
56) 4-Nitrophenol	9.88	139	50128	42.945	ng		93
57) 2,4-Dinitrotoluene	9.95	165	91500	44.013	ng		97
58) Fluorene	10.30	166	296558	41.648	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.08	232	74232	42.951	ng		98
60) Diethylphthalate	10.18	149	299978	41.511	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	142583	41.171	ng		96
62) 4-Nitroaniline	10.32	138	79404	43.786	ng		95
63) Azobenzene	10.46	77	294994	40.855	ng		97
65) 4,6-Dinitro-2-methylphenol	10.36	198	44788	39.596	ng		87
66) n-Nitrosodiphenylamine	10.42	169	267142	41.394	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	90753	41.337	ng		97
68) Hexachlorobenzene	10.85	284	103221	41.231	ng		96
69) Atrazine	10.94	200	79274	41.067	ng		99
70) Pentachlorophenol	11.05	266	39991	39.363	ng		99
71) Phenanthrene	11.26	178	442527	41.099	ng		99
72) Anthracene	11.32	178	448323	41.491	ng		100
73) Carbazole	11.47	167	438993	41.542	ng		99
74) Di-n-butylphthalate	11.80	149	491238	41.184	ng		99
75) Fluoranthene	12.44	202	504379	42.068	ng		98
77) Benzidine	12.57	184	196347	44.143	ng		100
78) Pyrene	12.67	202	519224	41.209	ng		100
80) Butylbenzylphthalate	13.30	149	219146	42.580	ng		98
81) Benzo(a)anthracene	13.86	228	479548	41.788	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	197926	43.471	ng		98
83) Chrysene	13.90	228	483751	41.288	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	296199	41.755	ng		98
85) Di-n-octyl phthalate	14.47	149	544262	41.846	ng		100
87) Indeno(1,2,3-cd)pyrene	16.66	276	576733	42.334	ng		99
88) Benzo(b)fluoranthene	14.89	252	491891	40.065	ng		99
89) Benzo(k)fluoranthene	14.92	252	491760	43.133	ng		99
90) Benzo(a)pyrene	15.23	252	462393	41.727	ng		98
91) Dibenzo(a,h)anthracene	16.68	278	490906	42.054	ng		99
92) Benzo(g,h,i)perylene	17.08	276	486235	42.209	ng		100

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

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