Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081820\
Data File : BF121323.D
Acq On : 18 Aug 2020 17:01
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF081820

Quant Time: Aug 18 17:30:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 18 15:43:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	75159	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	286799	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	152803	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	300620	20.00	ng		0.00
76) Chrysene-d12	13.85	240	254173	20.00	ng		0.00
86) Perylene-d12	15.26	264	280668	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	360125	76.12	ng		0.00
7) Phenol-d6	6.33	99	457345	74.93	ng		0.00
23) Nitrobenzene-d5	7.26	82	378273	74.87	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	138327	75.31	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	743498	79.71	ng		0.00
79) Terphenyl-d14	12.80	244	903686	73.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	77899	38.067	ng		99
3) Pyridine	2.95	79	207470	39.240	ng		100
4) n-Nitrosodimethylamine	2.89	42	80829	37.213	ng		99
6) Aniline	6.36	93	265693	37.898	ng		94
8) 2-Chlorophenol	6.48	128	185991	37.550	ng		98
9) Benzaldehyde	6.25	77	131240	36.644	ng		99
10) Phenol	6.35	94	232837	37.657	ng		89
11) bis(2-Chloroethyl)ether	6.43	93	178078	37.201	ng		97
12) 1,3-Dichlorobenzene	6.63	146	205568	37.107	ng		99
13) 1,4-Dichlorobenzene	6.71	146	208830	37.380	ng		97
14) 1,2-Dichlorobenzene	6.86	146	198145	38.101	ng		96
15) Benzyl Alcohol	6.84	79	145431	37.978	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	268860	36.898	ng		99
17) 2-Methylphenol	6.96	107	148517	36.941	ng		99
18) Hexachloroethane	7.20	117	77521	37.493	ng		98
19) n-Nitroso-di-n-propylamine	7.11	70	120801	36.739	ng		98
20) 3+4-Methylphenols	7.12	107	187855	38.088	ng		91
22) Acetophenone	7.11	105	258273	37.461	ng	#	98
24) Nitrobenzene	7.28	77	193390	37.458	ng		99
25) Isophorone	7.52	82	339058	37.078	ng		99
26) 2-Nitrophenol	7.60	139	96527	37.482	ng		99
27) 2,4-Dimethylphenol	7.64	122	140174	37.225	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	231597	36.554	ng		100
29) 2,4-Dichlorophenol	7.85	162	157714	37.928	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	177276	37.225	ng		99
31) Naphthalene	8.00	128	547407	37.530	ng		99
32) Benzoic acid	7.76	122	89466	35.429	ng		97
33) 4-Chloroaniline	8.06	127	235355	37.664	ng		99
34) Hexachlorobutadiene	8.12	225	105921	36.949	ng		98
35) Caprolactam	8.42	113	49922	36.981	ng		99
36) 4-Chloro-3-methylphenol	8.54	107	159286	37.664	ng		96
37) 2-Methylnaphthalene	8.69	142	358236	37.184	ng		99
38) 1-Methylnaphthalene	8.79	142	339459	37.304	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	171378	37.547	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	48282	34.711	ng		98
43) 2,4,6-Trichlorophenol	8.97	196	115435	37.983	ng		98
44) 2,4,5-Trichlorophenol	9.02	196	117196	36.902	ng		96
46) 1,1'-Biphenyl	9.16	154	438452	37.461	ng		99
47) 2-Chloronaphthalene	9.18	162	352500	37.204	ng		99
48) 2-Nitroaniline	9.28	65	108359	37.894	ng		91
49) Acenaphthylene	9.59	152	540687	37.545	ng		100
50) Dimethylphthalate	9.46	163	408186	36.363	ng		98
51) 2,6-Dinitrotoluene	9.52	165	88095	37.378	ng		93
52) Acenaphthene	9.77	154	322080	36.986	ng		98
53) 3-Nitroaniline	9.69	138	110098	37.669	ng		94
54) 2,4-Dinitrophenol	9.80	184	36713	33.465	ng	#	91
55) Dibenzofuran	9.94	168	497616	37.933	ng		98
56) 4-Nitrophenol	9.86	139	67429	38.295	ng		92
57) 2,4-Dinitrotoluene	9.93	165	115246	38.220	ng		98
58) Fluorene	10.28	166	374996	37.175	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	100378	36.901	ng		98
60) Diethylphthalate	10.16	149	416868	36.477	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	190925	37.101	ng		96
62) 4-Nitroaniline	10.30	138	112883	37.216	ng		95
63) Azobenzene	10.43	77	389477	37.310	ng		96
65) 4,6-Dinitro-2-methylphenol	10.34	198	57462	38.690	ng		87
66) n-Nitrosodiphenylamine	10.39	169	341462	36.844	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	124807	37.277	ng		96
68) Hexachlorobenzene	10.83	284	142751	37.104	ng		94
69) Atrazine	10.92	200	105126	35.466	ng		98
70) Pentachlorophenol	11.03	266	60964	38.810	ng		98
71) Phenanthrene	11.24	178	576870	37.326	ng		99
72) Anthracene	11.29	178	571338	37.262	ng		100
73) Carbazole	11.45	167	547410	37.408	ng		99
74) Di-n-butylphthalate	11.79	149	677686	35.993	ng		100
75) Fluoranthene	12.43	202	649051	37.626	ng		99
77) Benzidine	12.55	184	315692	38.735	ng		99
78) Pyrene	12.66	202	670971	37.622	ng		100
80) Butylbenzylphthalate	13.28	149	296565	36.147	ng		97
81) Benzo(a)anthracene	13.84	228	583537	38.123	ng		100
82) 3,3'-Dichlorobenzidine	13.81	252	230065	36.952	ng		98
83) Chrysene	13.88	228	600651	37.184	ng		100
84) Bis(2-ethylhexyl)phthalate	13.84	149	383676	36.070	ng		99
85) Di-n-octyl phthalate	14.45	149	720961	35.435	ng		100
87) Indeno(1,2,3-cd)pyrene	16.63	276	724776	37.027	ng		100
88) Benzo(b)fluoranthene	14.86	252	656032	37.954	ng		99
89) Benzo(k)fluoranthene	14.89	252	562164	35.606	ng		98
90) Benzo(a)pyrene	15.20	252	587510	37.504	ng		99
91) Dibenzo(a,h)anthracene	16.64	278	599298	37.297	ng		99
92) Benzo(g,h,i)perylene	17.03	276	593420	37.109	ng		99

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

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