

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF040220\
 Data File : BF119708.D
 Acq On : 3 Apr 2020 10:12
 Operator : MA/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 03 10:45:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	217486	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	793832	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	405964	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	782703	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	602743	20.00	ng	-0.02
87) Perylene-d12	15.43	264	589465	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1076979	78.83	ng	0.00
7) Phenol-d6	6.44	99	1379733	79.06	ng	0.00
23) Nitrobenzene-d5	7.37	82	1192415	81.64	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	375158	89.58	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2121634	77.42	ng	0.00
79) Terphenyl-d14	12.93	244	2334028	75.87	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	248704	36.858	ng	97
3) Pyridine	3.25	79	687570	36.988	ng	93
4) n-Nitrosodimethylamine	3.20	42	305016	33.647	ng	94
6) Aniline	6.47	93	919170	38.161	ng	97
8) 2-Chlorophenol	6.59	128	575648	40.118	ng	97
9) Benzaldehyde	6.35	77	373777	33.761	ng	98
10) Phenol	6.45	94	781525	41.968	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	577857	38.799	ng	97
12) 1,3-Dichlorobenzene	6.75	146	617199	39.742	ng	97
13) 1,4-Dichlorobenzene	6.82	146	620610	39.952	ng	97
14) 1,2-Dichlorobenzene	6.98	146	585770	40.344	ng	99
15) Benzyl Alcohol	6.95	79	503827	38.378	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1029647	34.274	ng	99
17) 2-Methylphenol	7.06	107	517562	39.367	ng	98
18) Hexachloroethane	7.32	117	228827	40.197	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	396189	37.663	ng	97
20) 3+4-Methylphenols	7.22	107	627818	38.966	ng	# 83
22) Acetophenone	7.22	105	723951	38.166	ng	# 97
24) Nitrobenzene	7.39	77	618087	39.596	ng	99
25) Isophorone	7.63	82	1121563	37.853	ng	99
26) 2-Nitrophenol	7.71	139	305032	49.629	ng	87
27) 2,4-Dimethylphenol	7.75	122	469985	36.981	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	683388	39.004	ng	99
29) 2,4-Dichlorophenol	7.95	162	468080	40.085	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	523985	40.575	ng	99
31) Naphthalene	8.12	128	1665044	40.758	ng	99
32) Benzoic acid	7.86	122	313177	38.309	ng	94
33) 4-Chloroaniline	8.16	127	729060	38.948	ng	99
34) Hexachlorobutadiene	8.23	225	298109	41.258	ng	99
35) Caprolactam	8.54	113	149845	39.209	ng	# 87
36) 4-Chloro-3-methylphenol	8.65	107	507182	39.739	ng	99
37) 2-Methylnaphthalene	8.81	142	1073037	40.023	ng	98
38) 1-Methylnaphthalene	8.91	142	1024248	40.362	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	487195	40.944	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	272377	40.264	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	348239	40.896	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	384406	40.298	ng	98
46) 1,1'-Biphenyl	9.27	154	1321410	39.965	ng	99
47) 2-Chloronaphthalene	9.30	162	1031057	39.810	ng	99
48) 2-Nitroaniline	9.39	65	369407	41.323	ng	94
49) Acenaphthylene	9.72	152	1607830	39.532	ng	98
50) Dimethylphthalate	9.57	163	1161510	40.280	ng	100
51) 2,6-Dinitrotoluene	9.63	165	267438	43.269	ng	92
52) Acenaphthene	9.89	154	1030784	40.654	ng	99
53) 3-Nitroaniline	9.80	138	322335	41.308	ng	97
54) 2,4-Dinitrophenol	9.91	184	144983	56.555	ng	93
55) Dibenzofuran	10.06	168	1455991	40.052	ng	99
56) 4-Nitrophenol	9.96	139	260341	42.293	ng	# 82
57) 2,4-Dinitrotoluene	10.04	165	354823	45.571	ng	90
58) Fluorene	10.40	166	1103024	41.032	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	294011	41.234	ng	98
60) Diethylphthalate	10.27	149	1184509	40.473	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	545074	41.464	ng	99
62) 4-Nitroaniline	10.42	138	329689	44.060	ng	97
63) Azobenzene	10.56	77	1126399	38.219	ng	94
65) 4,6-Dinitro-2-methylphenol	10.45	198	193673	59.009	ng	89
66) n-Nitrosodiphenylamine	10.51	169	1010949	39.344	ng	100
67) 4-Bromophenyl-phenylether	10.89	248	356742	40.021	ng	92
68) Hexachlorobenzene	10.95	284	371246	40.692	ng	93
69) Atrazine	11.04	200	280506	39.821	ng	98
70) Pentachlorophenol	11.14	266	225812	42.212	ng	99
71) Phenanthrene	11.36	178	1608908	39.643	ng	98
72) Anthracene	11.42	178	1643648	39.848	ng	99
73) Carbazole	11.57	167	1615413	39.566	ng	98
74) Di-n-butylphthalate	11.90	149	1816573	41.593	ng	99
75) Fluoranthene	12.55	202	1769456	40.286	ng	99
77) Benzidine	12.67	184	896641	35.151	ng	99
78) Pyrene	12.78	202	1824550	36.885	ng	99
80) Butylbenzylphthalate	13.40	149	801375	40.055	ng	100
81) Benzo(a)anthracene	13.97	228	1529144	39.013	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	593965	38.434	ng	99
83) Chrysene	14.01	228	1513009	37.403	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	991562	41.575	ng	99
85) Di-n-octyl phthalate	14.57	149	1794109	42.773	ng	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	1422423	37.337	ng	99
88) Benzo(b)fluoranthene	15.02	252	1535446	38.994	ng	99
89) Benzo(k)fluoranthene	15.04	252	1460731	38.959	ng	99
90) Benzo(a)pyrene	15.37	252	1388355	38.798	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	1162200	37.132	ng	100
92) Benzo(g,h,i)perylene	17.32	276	1134727	36.087	ng	95

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

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