

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060013.D
 Acq On : 14 Dec 2023 15:30
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 14 16:09:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	55710	20.000	ng	0.00
21) Naphthalene-d8	10.759	136	220230	20.000	ng	# 0.00
39) Acenaphthene-d10	14.596	164	177921	20.000	ng	0.00
64) Phenanthrene-d10	17.340	188	543397	20.000	ng	0.00
76) Chrysene-d12	21.611	240	722398	20.000	ng	# 0.00
86) Perylene-d12	24.802	264	836613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.518	112	256471	78.808	ng	0.00
7) Phenol-d6	7.111	99	395269	86.345	ng	0.00
23) Nitrobenzene-d5	9.120	82	391656	80.754	ng	0.00
42) 2,4,6-Tribromophenol	16.082	330	352809	85.088	ng	0.00
45) 2-Fluorobiphenyl	13.215	172	1202366	82.709	ng	0.00
79) Terphenyl-d14	19.960	244	3284966	83.021	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.438	88	52975m	34.401	ng	Qvalue
3) Pyridine	3.826	79	167041	38.732	ng	94
4) n-Nitrosodimethylamine	3.744	42	70942	33.442	ng	88
6) Aniline	7.281	93	198444	42.560	ng	96
8) 2-Chlorophenol	7.516	128	131107	42.513	ng	99
9) Benzaldehyde	7.093	77	121043	43.486	ng	91
10) Phenol	7.134	94	201275	43.768	ng	97
11) bis(2-Chloroethyl)ether	7.375	93	130599	39.669	ng	92
12) 1,3-Dichlorobenzene	7.845	146	168753	40.920	ng	97
13) 1,4-Dichlorobenzene	7.992	146	172490	40.195	ng	96
14) 1,2-Dichlorobenzene	8.309	146	170258	41.238	ng	95
15) Benzyl Alcohol	8.186	79	158722	43.140	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.479	45	261193	44.336	ng	97
17) 2-Methylphenol	8.391	107	130874	42.686	ng	92
18) Hexachloroethane	9.044	117	54339	41.800	ng	98
19) n-Nitroso-di-n-propyla...	8.761	70	131662	44.579	ng	95
20) 3+4-Methylphenols	8.720	107	177705	41.495	ng	91
22) Acetophenone	8.773	105	254455	39.649	ng	# 94
24) Nitrobenzene	9.155	77	205311	41.697	ng	91
25) Isophorone	9.678	82	362046	39.003	ng	97
26) 2-Nitrophenol	9.872	139	76445	42.215	ng	89
27) 2,4-Dimethylphenol	9.925	122	97999	39.481	ng	100
28) bis(2-Chloroethoxy)met...	10.166	93	182011	37.977	ng	98
29) 2,4-Dichlorophenol	10.401	162	177166	39.740	ng	97
30) 1,2,4-Trichlorobenzene	10.618	180	245479	40.679	ng	96
31) Naphthalene	10.812	128	460390	40.157	ng	100
32) Benzoic acid	10.036	122	99272	43.966	ng	# 84
33) 4-Chloroaniline	10.912	127	179942	41.249	ng	# 94
34) Hexachlorobutadiene	11.100	225	227761	41.238	ng	92
35) Caprolactam	11.682	113	46257	40.845	ng	# 89
36) 4-Chloro-3-methylphenol	12.034	107	163261	40.266	ng	97
37) 2-Methylnaphthalene	12.416	142	354513	39.426	ng	94
38) 1-Methylnaphthalene	12.639	142	345386	38.885	ng	100
40) 1,2,4,5-Tetrachloroben...	12.780	216	388956	41.933	ng	100
41) Hexachlorocyclopentadiene	12.769	237	166182	43.363	ng	94
43) 2,4,6-Trichlorophenol	13.021	196	217768	41.872	ng	97

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44) 2,4,5-Trichlorophenol	13.092	196	243381	43.024	ng	99
46) 1,1'-Biphenyl	13.427	154	532778	40.378	ng	97
47) 2-Chloronaphthalene	13.468	162	466677	40.839	ng	98
48) 2-Nitroaniline	13.668	65	115323	46.751	ng	94
49) Acenaphthylene	14.314	152	632935	40.492	ng	98
50) Dimethylphthalate	14.049	163	566299	41.005	ng	99
51) 2,6-Dinitrotoluene	14.161	165	119752	41.859	ng	94
52) Acenaphthene	14.655	154	449281	41.755	ng	88
53) 3-Nitroaniline	14.490	138	98386	43.038	ng	97
54) 2,4-Dinitrophenol	14.690	184	96693	45.875	ng	91
55) Dibenzofuran	14.990	168	709327	40.503	ng	98
56) 4-Nitrophenol	14.790	139	85469	44.485	ng	# 88
57) 2,4-Dinitrotoluene	14.948	165	175086	43.537	ng	96
58) Fluorene	15.642	166	604741	40.950	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.213	232	248421	42.188	ng	97
60) Diethylphthalate	15.413	149	523497	41.197	ng	96
61) 4-Chlorophenyl-phenyle...	15.636	204	442475	41.603	ng	96
62) 4-Nitroaniline	15.659	138	112462	45.178	ng	98
63) Azobenzene	15.930	77	508691	40.603	ng	94
65) 4,6-Dinitro-2-methylph...	15.712	198	150100	44.056	ng	92
66) n-Nitrosodiphenylamine	15.847	169	540381	40.707	ng	98
67) 4-Bromophenyl-phenylether	16.529	248	310134	40.451	ng	99
68) Hexachlorobenzene	16.641	284	369301	41.204	ng	# 95
69) Atrazine	16.793	200	194346	43.273	ng	99
70) Pentachlorophenol	16.981	266	260566	44.876	ng	98
71) Phenanthrene	17.381	178	1102167	41.875	ng	97
72) Anthracene	17.475	178	1110782	41.973	ng	99
73) Carbazole	17.739	167	953590	42.404	ng	99
74) Di-n-butylphthalate	18.309	149	897019	43.725	ng	99
75) Fluoranthene	19.396	202	1682721	43.811	ng	98
77) Benzidine	19.578	184	536128	57.779	ng	98
78) Pyrene	19.760	202	1756892	40.120	ng	99
80) Butylbenzylphthalate	20.653	149	345334	43.909	ng	97
81) Benzo(a)anthracene	21.594	228	2013780	41.499	ng	98
82) 3,3'-Dichlorobenzidine	21.511	252	693627	43.440	ng	99
83) Chrysene	21.658	228	1885729	41.018	ng	98
84) Bis(2-ethylhexyl)phtha...	21.511	149	515533	43.247	ng	99
85) Di-n-octyl phthalate	22.716	149	888806	43.104	ng	99
87) Indeno(1,2,3-cd)pyrene	28.433	276	2465518	41.294	ng	98
88) Benzo(b)fluoranthene	23.785	252	2119304	41.017	ng	99
89) Benzo(k)fluoranthene	23.856	252	2062180	41.147	ng	99
90) Benzo(a)pyrene	24.649	252	1880858	41.087	ng	99
91) Dibenzo(a,h)anthracene	28.503	278	2096446	41.990	ng	98
92) Benzo(g,h,i)perylene	29.572	276	2052141	41.322	ng	99

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

