

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057078.D
 Acq On : 13 Apr 2023 11:53
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/14/2023
 Supervised By : Jagrut Upadhyay 04/14/2023

Quant Time: Apr 13 13:24:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	13527	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	55401	20.000	ng	0.00
39) Acenaphthene-d10	15.022	164	43054	20.000	ng	0.00
64) Phenanthrene-d10	17.759	188	107836	20.000	ng	0.00
76) Chrysene-d12	22.077	240	97070	20.000	ng	# 0.00
86) Perylene-d12	25.608	264	106353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.911	112	66922	79.179	ng	0.00
7) Phenol-d6	7.538	99	100436	79.452	ng	0.00
23) Nitrobenzene-d5	9.588	82	103079	76.131	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	58817	85.514	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	243366	76.650	ng	0.00
79) Terphenyl-d14	20.326	244	477698	83.274	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.720	88	14734	39.767	ng	95
3) Pyridine	4.143	79	47045	39.422	ng	93
4) n-Nitrosodimethylamine	4.049	42	20553m	37.460	ng	
6) Aniline	7.714	93	63514	39.302	ng	96
8) 2-Chlorophenol	7.961	128	34113	40.521	ng	91
9) Benzaldehyde	7.526	77	28624	36.102	ng	92
10) Phenol	7.561	94	48814	38.971	ng	97
11) bis(2-Chloroethyl)ether	7.802	93	35735	40.051	ng	99
12) 1,3-Dichlorobenzene	8.290	146	35772	38.455	ng	95
13) 1,4-Dichlorobenzene	8.443	146	37038	39.451	ng	96
14) 1,2-Dichlorobenzene	8.766	146	35627	39.278	ng	96
15) Benzyl Alcohol	8.636	79	40478	38.537	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.924	45	45315	42.142	ng	95
17) 2-Methylphenol	8.836	107	35438	39.656	ng	88
18) Hexachloroethane	9.506	117	13170	38.380	ng	94
19) n-Nitroso-di-n-propyla...	9.206	70	35440	39.196	ng	93
20) 3+4-Methylphenols	9.165	107	49404	39.536	ng	96
22) Acetophenone	9.236	105	61259	37.160	ng	# 98
24) Nitrobenzene	9.623	77	53172	38.411	ng	97
25) Isophorone	10.146	82	97857	37.954	ng	98
26) 2-Nitrophenol	10.346	139	20870	39.059	ng	96
27) 2,4-Dimethylphenol	10.381	122	36093	38.259	ng	97
28) bis(2-Chloroethoxy)met...	10.622	93	47932	37.134	ng	95
29) 2,4-Dichlorophenol	10.886	162	37614	37.074	ng	97
30) 1,2,4-Trichlorobenzene	11.104	180	40190	37.282	ng	96
31) Naphthalene	11.298	128	116021	38.421	ng	98
32) Benzoic acid	10.510	122	23573m	36.377	ng	
33) 4-Chloroaniline	11.397	127	55029	40.349	ng	95
34) Hexachlorobutadiene	11.568	225	29418	36.329	ng	89
35) Caprolactam	12.161	113	13614	38.909	ng	95
36) 4-Chloro-3-methylphenol	12.484	107	42490	37.449	ng	93
37) 2-Methylnaphthalene	12.872	142	90626	37.814	ng	97
38) 1-Methylnaphthalene	13.089	142	85061m	37.797	ng	
40) 1,2,4,5-Tetrachloroben...	13.230	216	55517	37.185	ng	99
41) Hexachlorocyclopentadiene	13.207	237	30042	36.521	ng	95
43) 2,4,6-Trichlorophenol	13.459	196	36388	38.193	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.536	196	43076	38.166	ng	98
46) 1,1'-Biphenyl	13.859	154	123566	39.207	ng	99
47) 2-Chloronaphthalene	13.906	162	91604	39.299	ng	96
48) 2-Nitroaniline	14.100	65	33760	40.504	ng	95
49) Acenaphthylene	14.746	152	154269	40.281	ng	100
50) Dimethylphthalate	14.458	163	137822	40.627	ng	98
51) 2,6-Dinitrotoluene	14.581	165	30431	41.519	ng	95
52) Acenaphthene	15.081	154	104460	39.548	ng	97
53) 3-Nitroaniline	14.916	138	30616	42.201	ng	94
54) 2,4-Dinitrophenol	15.122	184	16817	40.763	ng	89
55) Dibenzofuran	15.410	168	159112	40.136	ng	97
56) 4-Nitrophenol	15.204	139	23917	44.582	ng	# 89
57) 2,4-Dinitrotoluene	15.368	165	43748	42.320	ng	95
58) Fluorene	16.062	166	133026	40.551	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.633	232	39312	38.254	ng	# 97
60) Diethylphthalate	15.803	149	142680	41.955	ng	99
61) 4-Chlorophenyl-phenyle...	16.038	204	76366	39.649	ng	97
62) 4-Nitroaniline	16.073	138	32707	43.513	ng	97
63) Azobenzene	16.332	77	141236	41.672	ng	98
65) 4,6-Dinitro-2-methylph...	16.126	198	27570	42.214	ng	99
66) n-Nitrosodiphenylamine	16.256	169	116041	40.086	ng	96
67) 4-Bromophenyl-phenylether	16.931	248	50960	38.193	ng	98
68) Hexachlorobenzene	17.060	284	53517	40.570	ng	95
69) Atrazine	17.184	200	48021	39.963	ng	93
70) Pentachlorophenol	17.407	266	35489	37.500	ng	98
71) Phenanthrene	17.800	178	222466	40.463	ng	99
72) Anthracene	17.894	178	230349	40.870	ng	100
73) Carbazole	18.153	167	199448	40.588	ng	95
74) Di-n-butylphthalate	18.676	149	241030	42.358	ng	99
75) Fluoranthene	19.786	202	272741	39.133	ng	99
77) Benzidine	19.951	184	105530	39.774	ng	95
78) Pyrene	20.150	202	274519	40.888	ng	98
80) Butylbenzylphthalate	21.008	149	100626	43.554	ng	95
81) Benzo(a)anthracene	22.054	228	268127	39.916	ng	99
82) 3,3'-Dichlorobenzidine	21.954	252	92130	40.617	ng	97
83) Chrysene	22.130	228	254492	40.463	ng	100
84) Bis(2-ethylhexyl)phtha...	21.907	149	143638	42.935	ng	95
85) Di-n-octyl phthalate	23.217	149	241232	42.789	ng	100
87) Indeno(1,2,3-cd)pyrene	29.690	276	308085	39.197	ng	# 92
88) Benzo(b)fluoranthene	24.480	252	265827m	39.971	ng	
89) Benzo(k)fluoranthene	24.556	252	265185	39.941	ng	95
90) Benzo(a)pyrene	25.443	252	255471	39.091	ng	99
91) Dibenzo(a,h)anthracene	29.761	278	259135	40.109	ng	100
92) Benzo(g,h,i)perylene	30.977	276	249198	39.391	ng	97

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

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