

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
 Data File : BG052670.D
 Acq On : 16 Mar 2022 8:27
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/17/2022
 Supervised By : Jagrut Upadhyay 03/17/2022

Quant Time: Mar 16 11:42:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	38071	20.000	ng	0.00
21) Naphthalene-d8	10.971	136	152138	20.000	ng	0.00
39) Acenaphthene-d10	14.777	164	110305	20.000	ng	0.00
64) Phenanthrene-d10	17.521	188	273618	20.000	ng	0.00
76) Chrysene-d12	21.809	240	274629	20.000	ng	0.00
86) Perylene-d12	25.134	264	298256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	170789	78.125	ng	0.00
7) Phenol-d6	7.299	99	254562	77.239	ng	0.00
23) Nitrobenzene-d5	9.314	82	243434	80.309	ng	0.00
42) 2,4,6-Tribromophenol	16.258	330	104775	70.689	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	577275	77.185	ng	0.00
79) Terphenyl-d14	20.123	244	1178016	76.303	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.598	88	42834	39.170	ng	86
3) Pyridine	3.998	79	120100	42.844	ng	# 91
4) n-Nitrosodimethylamine	3.910	42	50850	40.891	ng	# 87
6) Aniline	7.476	93	150134	38.850	ng	98
8) 2-Chlorophenol	7.716	128	86624	37.711	ng	96
9) Benzaldehyde	7.288	77	70818	38.733	ng	95
10) Phenol	7.323	94	124005	38.116	ng	91
11) bis(2-Chloroethyl)ether	7.564	93	98581	40.125	ng	96
12) 1,3-Dichlorobenzene	8.045	146	106733m	38.592	ng	
13) 1,4-Dichlorobenzene	8.192	146	108613	39.086	ng	98
14) 1,2-Dichlorobenzene	8.515	146	100699	38.317	ng	95
15) Benzyl Alcohol	8.386	79	102552	36.955	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.686	45	164457	38.438	ng	98
17) 2-Methylphenol	8.586	107	81666	37.655	ng	95
18) Hexachloroethane	9.256	117	39197	38.446	ng	93
19) n-Nitroso-di-n-propyla...	8.962	70	88064	37.727	ng	91
20) 3+4-Methylphenols	8.915	107	116378	38.343	ng	91
22) Acetophenone	8.974	105	151601	38.506	ng	# 95
24) Nitrobenzene	9.355	77	119091	39.266	ng	90
25) Isophorone	9.890	82	226117	38.525	ng	98
26) 2-Nitrophenol	10.072	139	37919	36.002	ng	98
27) 2,4-Dimethylphenol	10.125	122	82302	38.195	ng	95
28) bis(2-Chloroethoxy)met...	10.366	93	132436	38.160	ng	97
29) 2,4-Dichlorophenol	10.607	162	93365	38.507	ng	97
30) 1,2,4-Trichlorobenzene	10.830	180	113445	39.663	ng	94
31) Naphthalene	11.024	128	305086	38.779	ng	100
32) Benzoic acid	10.248	122	50722	33.626	ng	89
33) 4-Chloroaniline	11.118	127	127370	38.198	ng	97
34) Hexachlorobutadiene	11.317	225	78924	38.485	ng	97
35) Caprolactam	11.893	113	25717	38.844	ng	# 80
36) 4-Chloro-3-methylphenol	12.222	107	109688	38.958	ng	95
37) 2-Methylnaphthalene	12.616	142	221648	38.470	ng	97
38) 1-Methylnaphthalene	12.833	142	214565	38.158	ng	96
40) 1,2,4,5-Tetrachloroben...	12.980	216	132269	38.382	ng	99
41) Hexachlorocyclopentadiene	12.968	237	73008	35.741	ng	94
43) 2,4,6-Trichlorophenol	13.209	196	83000	37.609	ng	99

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44) 2,4,5-Trichlorophenol	13.279	196	89128	39.789	ng	96
46) 1,1'-Biphenyl	13.614	154	301438	39.077	ng	96
47) 2-Chloronaphthalene	13.661	162	232736	38.311	ng	98
48) 2-Nitroaniline	13.843	65	65649	39.514	ng	94
49) Acenaphthylene	14.501	152	380118	39.252	ng	99
50) Dimethylphthalate	14.225	163	314535	38.367	ng	97
51) 2,6-Dinitrotoluene	14.337	165	56156	40.572	ng	# 78
52) Acenaphthene	14.842	154	241057	38.855	ng	97
53) 3-Nitroaniline	14.666	138	66929	41.323	ng	95
54) 2,4-Dinitrophenol	14.866	184	27125	35.952	ng	# 64
55) Dibenzofuran	15.177	168	398583	39.342	ng	99
56) 4-Nitrophenol	14.954	139	53160	40.237	ng	89
57) 2,4-Dinitrotoluene	15.118	165	77626	40.420	ng	# 82
58) Fluorene	15.823	166	315318	38.181	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.394	232	92093	38.464	ng	98
60) Diethylphthalate	15.588	149	340305	39.325	ng	98
61) 4-Chlorophenyl-phenyle...	15.811	204	172924	37.967	ng	98
62) 4-Nitroaniline	15.823	138	70368	41.117	ng	88
63) Azobenzene	16.105	77	364725	39.433	ng	97
65) 4,6-Dinitro-2-methylph...	15.882	198	45601	37.383	ng	93
66) n-Nitrosodiphenylamine	16.023	169	287509	37.323	ng	98
67) 4-Bromophenyl-phenylether	16.704	248	112124	33.989	ng	93
68) Hexachlorobenzene	16.828	284	132875	37.474	ng	92
69) Atrazine	16.969	200	111063	39.101	ng	96
70) Pentachlorophenol	17.162	266	79943	36.342	ng	92
71) Phenanthrene	17.562	178	559613	38.231	ng	98
72) Anthracene	17.656	178	551758	38.130	ng	99
73) Carbazole	17.914	167	547257	38.186	ng	99
74) Di-n-butylphthalate	18.478	149	600233	38.338	ng	99
75) Fluoranthene	19.565	202	716917	38.584	ng	98
77) Benzidine	19.735	184	294738	41.611	ng	99
78) Pyrene	19.929	202	732887	38.472	ng	99
80) Butylbenzylphthalate	20.810	149	247374	36.607	ng	98
81) Benzo(a)anthracene	21.786	228	712098	38.723	ng	99
82) 3,3'-Dichlorobenzidine	21.697	252	253099	38.974	ng	100
83) Chrysene	21.856	228	671891	38.864	ng	100
84) Bis(2-ethylhexyl)phtha...	21.703	149	347529	37.816	ng	100
85) Di-n-octyl phthalate	22.955	149	581450	38.006	ng	96
87) Indeno(1,2,3-cd)pyrene	28.941	276	800606	39.217	ng	100
88) Benzo(b)fluoranthene	24.077	252	701065	37.857	ng	96
89) Benzo(k)fluoranthene	24.147	252	690902	37.920	ng	99
90) Benzo(a)pyrene	24.975	252	604270	38.548	ng	98
91) Dibenzo(a,h)anthracene	29.011	278	658995	39.175	ng	99
92) Benzo(g,h,i)perylene	30.133	276	658107	39.540	ng	# 94

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

