

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
 Data File : BG056640.D
 Acq On : 15 Feb 2023 19:13
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/16/2023
 Supervised By : Jagrut Upadhyay 02/16/2023

Quant Time: Feb 16 01:30:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:15:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.441	152	17315	20.000	ng	0.00
21) Naphthalene-d8	11.278	136	65974	20.000	ng	# 0.00
39) Acenaphthene-d10	15.045	164	50763	20.000	ng	0.00
64) Phenanthrene-d10	17.777	188	122796	20.000	ng	0.00
76) Chrysene-d12	22.101	240	111849	20.000	ng	0.00
86) Perylene-d12	25.644	264	128805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.943	112	166190	156.167	ng	0.00
7) Phenol-d6	7.565	99	247920	157.714	ng	0.00
23) Nitrobenzene-d5	9.621	82	230768	179.095	ng	0.00
42) 2,4,6-Tribromophenol	16.525	330	118214	170.090	ng	0.00
45) 2-Fluorobiphenyl	13.676	172	597898	157.717	ng	0.00
79) Terphenyl-d14	20.350	244	1090989	159.589	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.758	88	34440	73.818	ng	96
3) Pyridine	4.181	79	115097m	77.992	ng	
4) n-Nitrosodimethylamine	4.087	42	54255	78.872	ng	92
6) Aniline	7.753	93	165884	75.931	ng	97
8) 2-Chlorophenol	7.994	128	82221	78.089	ng	95
9) Benzaldehyde	7.559	77	55458	66.711	ng	89
10) Phenol	7.589	94	126078	78.406	ng	99
11) bis(2-Chloroethyl)ether	7.841	93	90012	74.606	ng	99
12) 1,3-Dichlorobenzene	8.329	146	94069	74.986	ng	100
13) 1,4-Dichlorobenzene	8.476	146	93604	74.090	ng	95
14) 1,2-Dichlorobenzene	8.805	146	90654	74.651	ng	98
15) Benzyl Alcohol	8.670	79	110785	78.708	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.963	45	119156m	73.534	ng	
17) 2-Methylphenol	8.864	107	87166	77.137	ng	98
18) Hexachloroethane	9.545	117	31968	79.879	ng	96
19) n-Nitroso-di-n-propyla...	9.251	70	93295	79.277	ng	99
20) 3+4-Methylphenols	9.198	107	122739	79.068	ng	92
22) Acetophenone	9.269	105	160660	79.699	ng	# 98
24) Nitrobenzene	9.663	77	123179	80.166	ng	97
25) Isophorone	10.186	82	251564	80.220	ng	100
26) 2-Nitrophenol	10.374	139	46764	88.141	ng	# 87
27) 2,4-Dimethylphenol	10.415	122	97315	80.266	ng	97
28) bis(2-Chloroethoxy)met...	10.656	93	125273	78.386	ng	99
29) 2,4-Dichlorophenol	10.908	162	100535	83.666	ng	99
30) 1,2,4-Trichlorobenzene	11.137	180	113915	79.583	ng	94
31) Naphthalene	11.331	128	294716	80.602	ng	99
32) Benzoic acid	10.567	122	68560	87.570	ng	95
33) 4-Chloroaniline	11.425	127	133947	80.182	ng	95
34) Hexachlorobutadiene	11.607	225	82035	80.196	ng	96
35) Caprolactam	12.207	113	31815	82.320	ng	93
36) 4-Chloro-3-methylphenol	12.506	107	111300	83.992	ng	98
37) 2-Methylnaphthalene	12.900	142	228682	79.210	ng	100
38) 1-Methylnaphthalene	13.117	142	215385	79.951	ng	99
40) 1,2,4,5-Tetrachloroben...	13.258	216	153111	81.136	ng	100
41) Hexachlorocyclopentadiene	13.241	237	89867	87.802	ng	99
43) 2,4,6-Trichlorophenol	13.482	196	99996	87.336	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.552	196	118282	86.197	ng	98
46) 1,1'-Biphenyl	13.887	154	305552	79.460	ng	98
47) 2-Chloronaphthalene	13.934	162	242550	79.708	ng	96
48) 2-Nitroaniline	14.122	65	75913	81.524	ng	91
49) Acenaphthylene	14.774	152	389428	78.761	ng	98
50) Dimethylphthalate	14.486	163	335956	80.058	ng	99
51) 2,6-Dinitrotoluene	14.604	165	66290	79.318	ng	91
52) Acenaphthene	15.109	154	245518	80.500	ng	99
53) 3-Nitroaniline	14.939	138	68952	84.648	ng	98
54) 2,4-Dinitrophenol	15.133	184	39635	81.755	ng	# 75
55) Dibenzofuran	15.438	168	403968	78.401	ng	98
56) 4-Nitrophenol	15.215	139	51514	82.541	ng	92
57) 2,4-Dinitrotoluene	15.385	165	91029	88.945	ng	# 95
58) Fluorene	16.085	166	316886	77.783	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.650	232	103723m	86.132	ng	
60) Diethylphthalate	15.838	149	330279	78.025	ng	97
61) 4-Chlorophenyl-phenyle...	16.067	204	196233	78.844	ng	99
62) 4-Nitroaniline	16.096	138	70207	82.699	ng	91
63) Azobenzene	16.361	77	327161	77.225	ng	98
65) 4,6-Dinitro-2-methylph...	16.143	198	54892	86.564	ng	95
66) n-Nitrosodiphenylamine	16.278	169	289312	80.987	ng	99
67) 4-Bromophenyl-phenylether	16.960	248	129520	82.152	ng	93
68) Hexachlorobenzene	17.083	284	132225	82.319	ng	99
69) Atrazine	17.213	200	108748	79.278	ng	99
70) Pentachlorophenol	17.418	266	92574	87.027	ng	95
71) Phenanthrene	17.824	178	534720	80.039	ng	100
72) Anthracene	17.918	178	543269	79.472	ng	99
73) Carbazole	18.176	167	455520	77.300	ng	98
74) Di-n-butylphthalate	18.705	149	535269	81.167	ng	99
75) Fluoranthene	19.804	202	678738	76.998	ng	99
77) Benzidine	19.968	184	225337	84.233	ng	97
78) Pyrene	20.168	202	673553	79.738	ng	99
80) Butylbenzylphthalate	21.032	149	225630	88.951	ng	97
81) Benzo(a)anthracene	22.078	228	666120	80.083	ng	98
82) 3,3'-Dichlorobenzidine	21.978	252	220002	81.522	ng	99
83) Chrysene	22.154	228	621335	79.904	ng	98
84) Bis(2-ethylhexyl)phtha...	21.948	149	334089	87.895	ng	99
85) Di-n-octyl phthalate	23.282	149	558658	88.429	ng	99
87) Indeno(1,2,3-cd)pyrene	29.757	276	812215	80.516	ng	# 99
88) Benzo(b)fluoranthene	24.516	252	672305	79.894	ng	99
89) Benzo(k)fluoranthene	24.592	252	651075	78.679	ng	96
90) Benzo(a)pyrene	25.485	252	645995	79.864	ng	99
91) Dibenzo(a,h)anthracene	29.833	278	663841	79.457	ng	# 98
92) Benzo(g,h,i)perylene	31.055	276	648289	79.411	ng	98

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

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