

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056923.D
 Acq On : 30 Mar 2023 14:02
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/31/2023
 Supervised By : Jagrut Upadhyay 03/31/2023

Quant Time: Mar 30 15:50:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 15:48:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.415	152	20729	20.000	ng	0.00
21) Naphthalene-d8	11.258	136	80445	20.000	ng	0.00
39) Acenaphthene-d10	15.029	164	64853	20.000	ng	0.00
64) Phenanthrene-d10	17.772	188	161141	20.000	ng	0.00
76) Chrysene-d12	22.096	240	155176	20.000	ng	# 0.00
86) Perylene-d12	25.644	264	168969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	53104	41.683	ng	0.00
7) Phenol-d6	7.539	99	77928	41.409	ng	0.00
23) Nitrobenzene-d5	9.589	82	81566	51.915	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	41914	47.205	ng	0.00
45) 2-Fluorobiphenyl	13.655	172	197424	40.763	ng	0.00
79) Terphenyl-d14	20.340	244	380376	40.105	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.727	88	11897	21.300	ng	95
3) Pyridine	4.150	79	37674m	21.324	ng	
4) n-Nitrosodimethylamine	4.056	42	17539	21.298	ng	# 91
6) Aniline	7.721	93	51064	19.524	ng	95
8) 2-Chlorophenol	7.968	128	26392	20.937	ng	97
9) Benzaldehyde	7.533	77	27949	28.083	ng	89
10) Phenol	7.563	94	39411	20.473	ng	97
11) bis(2-Chloroethyl)ether	7.809	93	28862	19.982	ng	94
12) 1,3-Dichlorobenzene	8.303	146	29246	19.474	ng	95
13) 1,4-Dichlorobenzene	8.450	146	29256	19.343	ng	94
14) 1,2-Dichlorobenzene	8.779	146	28694	19.737	ng	87
15) Benzyl Alcohol	8.644	79	33181	19.691	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.937	45	34955m	18.026	ng	
17) 2-Methylphenol	8.843	107	28637	21.168	ng	90
18) Hexachloroethane	9.519	117	10543	22.005	ng	85
19) n-Nitroso-di-n-propyla...	9.213	70	28875	20.495	ng	# 91
20) 3+4-Methylphenols	9.172	107	38504	20.719	ng	96
22) Acetophenone	9.243	105	50037	20.357	ng	# 96
24) Nitrobenzene	9.631	77	42937	26.102	ng	96
25) Isophorone	10.153	82	78134	20.434	ng	97
26) 2-Nitrophenol	10.353	139	15838	24.482	ng	91
27) 2,4-Dimethylphenol	10.394	122	28714	19.423	ng	93
28) bis(2-Chloroethoxy)met...	10.629	93	39314	20.174	ng	# 98
29) 2,4-Dichlorophenol	10.888	162	30473	20.798	ng	99
30) 1,2,4-Trichlorobenzene	11.117	180	33047	18.934	ng	97
31) Naphthalene	11.311	128	90834	20.373	ng	99
32) Benzoic acid	10.488	122	20069	21.063	ng	97
33) 4-Chloroaniline	11.405	127	41243	20.247	ng	97
34) Hexachlorobutadiene	11.587	225	24852	19.925	ng	98
35) Caprolactam	12.145	113	10640	22.578	ng	88
36) 4-Chloro-3-methylphenol	12.491	107	34335	21.250	ng	98
37) 2-Methylnaphthalene	12.885	142	73947	21.006	ng	95
38) 1-Methylnaphthalene	13.102	142	67116	20.432	ng	100
40) 1,2,4,5-Tetrachloroben...	13.243	216	46932	19.467	ng	98
41) Hexachlorocyclopentadiene	13.220	237	23985	18.343	ng	96
43) 2,4,6-Trichlorophenol	13.472	196	28352	19.383	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.543	196	35116	20.031	ng	91
46) 1,1'-Biphenyl	13.866	154	98568	20.064	ng	95
47) 2-Chloronaphthalene	13.919	162	72620	18.680	ng	97
48) 2-Nitroaniline	14.107	65	25980	27.618	ng	96
49) Acenaphthylene	14.759	152	120797	19.123	ng	98
50) Dimethylphthalate	14.465	163	104610	19.512	ng	98
51) 2,6-Dinitrotoluene	14.589	165	23250	24.696	ng	94
52) Acenaphthene	15.094	154	81490	20.914	ng	98
53) 3-Nitroaniline	14.923	138	23386	22.472	ng	97
54) 2,4-Dinitrophenol	15.129	184	12191	19.683	ng	95
55) Dibenzofuran	15.429	168	125039	18.995	ng	97
56) 4-Nitrophenol	15.205	139	17251	21.636	ng	90
57) 2,4-Dinitrotoluene	15.370	165	33480	25.606	ng	# 97
58) Fluorene	16.075	166	102257	19.647	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.646	232	31662	20.607	ng	# 97
60) Diethylphthalate	15.810	149	109459	20.240	ng	98
61) 4-Chlorophenyl-phenyle...	16.051	204	59910	18.841	ng	95
62) 4-Nitroaniline	16.081	138	24407	22.504	ng	# 79
63) Azobenzene	16.345	77	105848	19.557	ng	99
65) 4,6-Dinitro-2-methylph...	16.134	198	20275	24.365	ng	87
66) n-Nitrosodiphenylamine	16.263	169	90319	19.267	ng	94
67) 4-Bromophenyl-phenylether	16.950	248	41243	19.935	ng	95
68) Hexachlorobenzene	17.073	284	40153	19.049	ng	97
69) Atrazine	17.197	200	38745	21.524	ng	96
70) Pentachlorophenol	17.414	266	29179	20.903	ng	93
71) Phenanthrene	17.814	178	171460	19.558	ng	98
72) Anthracene	17.908	178	177482	19.785	ng	99
73) Carbazole	18.166	167	154982	20.042	ng	99
74) Di-n-butylphthalate	18.695	149	182152	21.048	ng	98
75) Fluoranthene	19.799	202	220539	19.065	ng	99
77) Benzidine	19.964	184	90681	24.433	ng	98
78) Pyrene	20.163	202	222611	18.995	ng	96
80) Butylbenzylphthalate	21.027	149	76821	21.829	ng	88
81) Benzo(a)anthracene	22.073	228	223003	19.324	ng	98
82) 3,3'-Dichlorobenzidine	21.973	252	77014	20.570	ng	99
83) Chrysene	22.149	228	208578	19.334	ng	97
84) Bis(2-ethylhexyl)phtha...	21.932	149	109191	20.706	ng	100
85) Di-n-octyl phthalate	23.253	149	187923	21.441	ng	99
87) Indeno(1,2,3-cd)pyrene	29.733	276	258103	19.504	ng	# 97
88) Benzo(b)fluoranthene	24.505	252	222037	20.114	ng	95
89) Benzo(k)fluoranthene	24.581	252	221224	20.379	ng	99
90) Benzo(a)pyrene	25.474	252	215616	20.320	ng	98
91) Dibenzo(a,h)anthracene	29.803	278	214026	19.528	ng	97
92) Benzo(g,h,i)perylene	31.019	276	208522	19.471	ng	99

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

