

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056927.D
 Acq On : 30 Mar 2023 16:46
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

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

Quant Time: Mar 30 17:30:19 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 17:14:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.415	152	21714	20.000	ng	0.00
21) Naphthalene-d8	11.258	136	82533	20.000	ng	# 0.00
39) Acenaphthene-d10	15.036	164	65531	20.000	ng	0.00
64) Phenanthrene-d10	17.773	188	153645	20.000	ng	0.00
76) Chrysene-d12	22.097	240	143102	20.000	ng	# 0.00
86) Perylene-d12	25.645	264	158469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	204843	149.576	ng	0.00
7) Phenol-d6	7.546	99	312613	153.111	ng	0.00
23) Nitrobenzene-d5	9.596	82	318375	157.488	ng	0.00
42) 2,4,6-Tribromophenol	16.516	330	161092	152.903	ng	0.00
45) 2-Fluorobiphenyl	13.661	172	735685	151.011	ng	0.00
79) Terphenyl-d14	20.340	244	1266803	148.222	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.727	88	43715	72.519	ng	99
3) Pyridine	4.150	79	148769m	77.955	ng	
4) n-Nitrosodimethylamine	4.056	42	67847	76.562	ng	93
6) Aniline	7.728	93	196013	74.868	ng	98
8) 2-Chlorophenol	7.974	128	100529	73.530	ng	96
9) Benzaldehyde	7.534	77	81398	58.770	ng	95
10) Phenol	7.575	94	150967	74.322	ng	97
11) bis(2-Chloroethyl)ether	7.816	93	105792	72.933	ng	97
12) 1,3-Dichlorobenzene	8.303	146	110038	72.736	ng	97
13) 1,4-Dichlorobenzene	8.450	146	111861	73.342	ng	99
14) 1,2-Dichlorobenzene	8.779	146	107138	72.612	ng	99
15) Benzyl Alcohol	8.650	79	133308	78.910	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.938	45	127426	72.886	ng	98
17) 2-Methylphenol	8.844	107	109383	75.662	ng	93
18) Hexachloroethane	9.519	117	40819	73.204	ng	# 83
19) n-Nitroso-di-n-propyla...	9.226	70	108450	74.022	ng	96
20) 3+4-Methylphenols	9.179	107	153754	76.121	ng	98
22) Acetophenone	9.243	105	190348	77.107	ng	# 98
24) Nitrobenzene	9.643	77	162838	78.792	ng	95
25) Isophorone	10.160	82	301923	78.378	ng	99
26) 2-Nitrophenol	10.354	139	64847	81.717	ng	96
27) 2,4-Dimethylphenol	10.395	122	111439	79.177	ng	98
28) bis(2-Chloroethoxy)met...	10.636	93	146242	75.430	ng	93
29) 2,4-Dichlorophenol	10.894	162	120482	79.666	ng	95
30) 1,2,4-Trichlorobenzene	11.111	180	125978	78.191	ng	99
31) Naphthalene	11.311	128	353420	78.327	ng	99
32) Benzoic acid	10.559	122	81394	85.077	ng	# 85
33) 4-Chloroaniline	11.405	127	158875	77.903	ng	98
34) Hexachlorobutadiene	11.581	225	94381	77.950	ng	94
35) Caprolactam	12.192	113	39313	74.709	ng	85
36) 4-Chloro-3-methylphenol	12.498	107	134526	79.520	ng	98
37) 2-Methylnaphthalene	12.886	142	277190	77.255	ng	98
38) 1-Methylnaphthalene	13.103	142	261750	77.762	ng	100
40) 1,2,4,5-Tetrachloroben...	13.244	216	175776	76.927	ng	99
41) Hexachlorocyclopentadiene	13.220	237	110997	90.279	ng	97
43) 2,4,6-Trichlorophenol	13.473	196	115180	79.333	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056927.D
 Acq On : 30 Mar 2023 16:46
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

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

Quant Time: Mar 30 17:30:19 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 17:14:30 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.549	196	136678	79.488	ng	94
46) 1,1'-Biphenyl	13.872	154	370397	76.768	ng	96
47) 2-Chloronaphthalene	13.919	162	274765	77.035	ng	98
48) 2-Nitroaniline	14.113	65	102009	80.478	ng	99
49) Acenaphthylene	14.759	152	445347	75.830	ng	99
50) Dimethylphthalate	14.472	163	386478	74.055	ng	99
51) 2,6-Dinitrotoluene	14.595	165	84518	75.097	ng	96
52) Acenaphthene	15.100	154	315763	78.305	ng	97
53) 3-Nitroaniline	14.930	138	85388	76.899	ng	99
54) 2,4-Dinitrophenol	15.130	184	56000	90.921	ng	95
55) Dibenzofuran	15.429	168	458380	75.333	ng	97
56) 4-Nitrophenol	15.218	139	64346	78.606	ng	98
57) 2,4-Dinitrotoluene	15.376	165	120314	75.907	ng	99
58) Fluorene	16.075	166	376865	74.774	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.646	232	122706	78.197	ng	# 99
60) Diethylphthalate	15.817	149	390426	74.714	ng	98
61) 4-Chlorophenyl-phenyle...	16.052	204	226429	76.796	ng	99
62) 4-Nitroaniline	16.087	138	88217	76.646	ng	94
63) Azobenzene	16.346	77	388211	74.519	ng	98
65) 4,6-Dinitro-2-methylph...	16.140	198	77875	84.336	ng	97
66) n-Nitrosodiphenylamine	16.269	169	327166	79.211	ng	98
67) 4-Bromophenyl-phenylether	16.945	248	149814	78.609	ng	98
68) Hexachlorobenzene	17.074	284	147742	78.379	ng	99
69) Atrazine	17.197	200	129396	74.888	ng	96
70) Pentachlorophenol	17.415	266	112598	84.120	ng	96
71) Phenanthrene	17.814	178	601306	76.246	ng	99
72) Anthracene	17.908	178	618057	76.481	ng	99
73) Carbazole	18.172	167	521811	73.689	ng	97
74) Di-n-butylphthalate	18.689	149	620104	75.929	ng	99
75) Fluoranthene	19.800	202	739980	73.677	ng	99
77) Benzidine	19.964	184	275000	68.915	ng	97
78) Pyrene	20.164	202	743857	74.404	ng	99
80) Butylbenzylphthalate	21.022	149	275504	81.039	ng	96
81) Benzo(a)anthracene	22.073	228	764585	76.764	ng	99
82) 3,3'-Dichlorobenzidine	21.973	252	255408	75.808	ng	99
83) Chrysene	22.149	228	717922	77.016	ng	96
84) Bis(2-ethylhexyl)phtha...	21.932	149	397373	80.667	ng	99
85) Di-n-octyl phthalate	23.254	149	666366	80.207	ng	100
87) Indeno(1,2,3-cd)pyrene	29.757	276	920358	78.354	ng	99
88) Benzo(b)fluoranthene	24.511	252	790823	79.833	ng	99
89) Benzo(k)fluoranthene	24.587	252	758853	76.183	ng	97
90) Benzo(a)pyrene	25.486	252	758818	77.590	ng	99
91) Dibenzo(a,h)anthracene	29.833	278	746774	77.183	ng	96
92) Benzo(g,h,i)perylene	31.049	276	737725	77.979	ng	98

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

