

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061223\
 Data File : BG057682.D
 Acq On : 12 Jun 2023 15:20
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Quant Time: Jun 13 01:47:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 01:42:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	27300	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	115659	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	79305	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	189477	20.000	ng	0.00
76) Chrysene-d12	21.583	240	169659	20.000	ng	0.00
86) Perylene-d12	24.750	264	204977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	74717	42.918	ng	0.00
7) Phenol-d6	7.094	99	109652	43.544	ng	0.00
23) Nitrobenzene-d5	9.104	82	67011	35.506	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	39899	41.248	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	230937	42.187	ng	0.00
79) Terphenyl-d14	19.938	244	397694	43.293	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.428	88	18310	22.091	ng	99
3) Pyridine	3.816	79	50148	21.592	ng	97
4) n-Nitrosodimethylamine	3.734	42	24122	21.448	ng	86
6) Aniline	7.265	93	67138	21.410	ng	97
8) 2-Chlorophenol	7.506	128	37544	22.154	ng	97
9) Benzaldehyde	7.083	77	34902	23.063	ng	98
10) Phenol	7.118	94	53966	21.832	ng	99
11) bis(2-Chloroethyl)ether	7.365	93	39743	21.315	ng	99
12) 1,3-Dichlorobenzene	7.835	146	40078	21.737	ng	97
13) 1,4-Dichlorobenzene	7.982	146	38974	21.184	ng	95
14) 1,2-Dichlorobenzene	8.299	146	38925	21.777	ng	96
15) Benzyl Alcohol	8.175	79	40103	21.486	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.475	45	87893	21.622	ng	98
17) 2-Methylphenol	8.375	107	38751	21.786	ng	96
18) Hexachloroethane	9.027	117	13095	20.921	ng	97
19) n-Nitroso-di-n-propyla...	8.745	70	36363	21.893	ng	95
20) 3+4-Methylphenols	8.704	107	52711	21.879	ng	97
22) Acetophenone	8.763	105	67930	20.975	ng	# 95
24) Nitrobenzene	9.145	77	38170	19.623	ng	95
25) Isophorone	9.668	82	101737	20.671	ng	99
26) 2-Nitrophenol	9.862	139	9084	21.989	ng	# 91
27) 2,4-Dimethylphenol	9.915	122	36141	20.117	ng	96
28) bis(2-Chloroethoxy)met...	10.156	93	54383	20.788	ng	98
29) 2,4-Dichlorophenol	10.385	162	33555	20.170	ng	95
30) 1,2,4-Trichlorobenzene	10.608	180	41747	20.710	ng	98
31) Naphthalene	10.802	128	127976	20.747	ng	98
32) Benzoic acid	10.003	122	14547	20.586	ng	# 89
33) 4-Chloroaniline	10.902	127	57186	20.950	ng	97
34) Hexachlorobutadiene	11.084	225	26675	20.556	ng	95
35) Caprolactam	11.660	113	11890	21.070	ng	93
36) 4-Chloro-3-methylphenol	12.018	107	44625	20.702	ng	99
37) 2-Methylnaphthalene	12.406	142	93078	21.113	ng	99
38) 1-Methylnaphthalene	12.629	142	86902	20.929	ng	96
40) 1,2,4,5-Tetrachloroben...	12.770	216	47840	20.401	ng	99
41) Hexachlorocyclopentadiene	12.752	237	22485	19.907	ng	97
43) 2,4,6-Trichlorophenol	13.005	196	29295	20.110	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	36231	20.864	ng	92
46) 1,1'-Biphenyl	13.416	154	115588	20.618	ng	100
47) 2-Chloronaphthalene	13.458	162	87138	20.382	ng	98
48) 2-Nitroaniline	13.657	65	19306	18.539	ng	98
49) Acenaphthylene	14.298	152	149829	20.843	ng	98
50) Dimethylphthalate	14.033	163	123503	21.098	ng	99
51) 2,6-Dinitrotoluene	14.145	165	15512	18.742	ng	92
52) Acenaphthene	14.644	154	88035	20.355	ng	99
53) 3-Nitroaniline	14.474	138	18484	19.265	ng	# 98
54) 2,4-Dinitrophenol	14.674	184	4650	20.082	ng	92
55) Dibenzofuran	14.979	168	151148	21.022	ng	99
56) 4-Nitrophenol	14.768	139	14861	20.101	ng	92
57) 2,4-Dinitrotoluene	14.932	165	18933	18.443	ng	# 99
58) Fluorene	15.626	166	120722	21.384	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.197	232	29087	20.909	ng	98
60) Diethylphthalate	15.396	149	127366	21.174	ng	98
61) 4-Chlorophenyl-phenylether	15.620	204	64989	21.319	ng	99
62) 4-Nitroaniline	15.637	138	20383	19.836	ng	97
63) Azobenzene	15.913	77	134015	21.241	ng	100
65) 4,6-Dinitro-2-methylph...	15.690	198	7927	19.879	ng	94
66) n-Nitrosodiphenylamine	15.831	169	104431	20.743	ng	98
67) 4-Bromophenyl-phenylether	16.513	248	41950	20.914	ng	95
68) Hexachlorobenzene	16.624	284	41747	20.788	ng	98
69) Atrazine	16.777	200	36731	21.062	ng	96
70) Pentachlorophenol	16.965	266	26290	20.192	ng	95
71) Phenanthrene	17.365	178	197915	21.376	ng	99
72) Anthracene	17.453	178	199993	21.182	ng	98
73) Carbazole	17.723	167	187855	21.412	ng	100
74) Di-n-butylphthalate	18.293	149	224432	21.416	ng	99
75) Fluoranthene	19.374	202	247372	21.852	ng	97
77) Benzidine	19.556	184	82669	19.194	ng	97
78) Pyrene	19.733	202	252696	21.044	ng	98
80) Butylbenzylphthalate	20.631	149	85443	20.328	ng	94
81) Benzo(a)anthracene	21.560	228	247380	20.988	ng	99
82) 3,3'-Dichlorobenzidine	21.478	252	83676	21.440	ng	97
83) Chrysene	21.624	228	232846	20.827	ng	99
84) Bis(2-ethylhexyl)phtha...	21.489	149	137456	21.373	ng	99
85) Di-n-octyl phthalate	22.688	149	224247	20.645	ng	100
87) Indeno(1,2,3-cd)pyrene	28.358	276	276481	20.827	ng	100
88) Benzo(b)fluoranthene	23.740	252	232583	20.850	ng	99
89) Benzo(k)fluoranthene	23.810	252	242185	21.308	ng	98
90) Benzo(a)pyrene	24.597	252	228726	20.867	ng	98
91) Dibenzo(a,h)anthracene	28.422	278	231259	20.885	ng	99
92) Benzo(g,h,i)perylene	29.480	276	226800	20.746	ng	98

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

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