

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
 Data File : BG061138.D
 Acq On : 8 May 2024 11:37
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 08 12:12:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	23080	20.000	ng	-0.02
21) Naphthalene-d8	10.737	136	93780	20.000	ng	-0.02
39) Acenaphthene-d10	14.568	164	75034	20.000	ng	-0.02
64) Phenanthrene-d10	17.318	188	183025	20.000	ng	-0.01
76) Chrysene-d12	21.577	240	185758	20.000	ng	-0.01
86) Perylene-d12	24.703	264	216149	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	94098	82.916	ng	-0.01
7) Phenol-d6	7.118	99	131054	78.064	ng	-0.01
23) Nitrobenzene-d5	9.098	82	152487	80.605	ng	-0.02
42) 2,4,6-Tribromophenol	16.060	330	108777	72.528	ng	-0.01
45) 2-Fluorobiphenyl	13.193	172	426288	84.010	ng	-0.01
79) Terphenyl-d14	19.938	244	883025	79.060	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	16432	35.810	ng	99
3) Pyridine	3.839	79	46524	34.456	ng	92
4) n-Nitrosodimethylamine	3.757	42	42941	33.101	ng	100
6) Aniline	7.265	93	63408	38.099	ng	96
8) 2-Chlorophenol	7.506	128	54708	39.294	ng	97
9) Benzaldehyde	7.077	77	40957	46.973	ng	99
10) Phenol	7.141	94	67295	39.417	ng	93
11) bis(2-Chloroethyl)ether	7.365	93	46930	39.790	ng	94
12) 1,3-Dichlorobenzene	7.829	146	65378	39.832	ng	94
13) 1,4-Dichlorobenzene	7.976	146	66753	39.350	ng	91
14) 1,2-Dichlorobenzene	8.293	146	66150	40.418	ng	99
15) Benzyl Alcohol	8.176	79	56698	37.439	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.475	45	105738m	41.316	ng	
17) 2-Methylphenol	8.387	107	47173	38.772	ng	96
18) Hexachloroethane	9.022	117	25540	42.194	ng	89
19) n-Nitroso-di-n-propyla...	8.745	70	47444	37.763	ng	88
20) 3+4-Methylphenols	8.716	107	66650	37.970	ng	96
22) Acetophenone	8.757	105	94616	40.512	ng	# 98
24) Nitrobenzene	9.139	77	75155	40.609	ng	97
25) Isophorone	9.662	82	132730	37.956	ng	97
26) 2-Nitrophenol	9.850	139	35879	40.919	ng	92
27) 2,4-Dimethylphenol	9.915	122	39882	39.452	ng	99
28) bis(2-Chloroethoxy)met...	10.144	93	69440	40.460	ng	97
29) 2,4-Dichlorophenol	10.391	162	61218	38.650	ng	95
30) 1,2,4-Trichlorobenzene	10.596	180	75799	39.717	ng	89
31) Naphthalene	10.784	128	192559	39.508	ng	99
32) Benzoic acid	10.067	122	32149m	27.511	ng	
33) 4-Chloroaniline	10.890	127	72617	37.358	ng	96
34) Hexachlorobutadiene	11.072	225	68716	41.962	ng	93
35) Caprolactam	11.671	113	18654	32.703	ng	97
36) 4-Chloro-3-methylphenol	12.024	107	69133	36.196	ng	97
37) 2-Methylnaphthalene	12.394	142	136838	37.466	ng	96
38) 1-Methylnaphthalene	12.612	142	137179	37.308	ng	94
40) 1,2,4,5-Tetrachloroben...	12.764	216	104783	41.844	ng	98
41) Hexachlorocyclopentadiene	12.741	237	40714	42.472	ng	98
43) 2,4,6-Trichlorophenol	13.005	196	63083	39.239	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	68901	37.868	ng	95
46) 1,1'-Biphenyl	13.405	154	196527	40.849	ng	97
47) 2-Chloronaphthalene	13.446	162	158330	41.098	ng	99
48) 2-Nitroaniline	13.646	65	57326	40.100	ng	94
49) Acenaphthylene	14.292	152	237190	40.087	ng	99
50) Dimethylphthalate	14.028	163	218925	37.775	ng	100
51) 2,6-Dinitrotoluene	14.145	165	49088	39.598	ng	99
52) Acenaphthene	14.633	154	146048	39.567	ng	99
53) 3-Nitroaniline	14.474	138	42108	37.123	ng	# 99
54) 2,4-Dinitrophenol	14.686	184	27945	33.131	ng	94
55) Dibenzofuran	14.968	168	244454	39.209	ng	99
56) 4-Nitrophenol	14.797	139	32370	35.313	ng	96
57) 2,4-Dinitrotoluene	14.938	165	71021	38.724	ng	92
58) Fluorene	15.620	166	207683	38.495	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.203	232	66461	35.484	ng	99
60) Diethylphthalate	15.391	149	213093	36.461	ng	99
61) 4-Chlorophenyl-phenyle...	15.608	204	125755	38.820	ng	97
62) 4-Nitroaniline	15.637	138	48021	39.035	ng	# 83
63) Azobenzene	15.902	77	174607	38.379	ng	95
65) 4,6-Dinitro-2-methylph...	15.702	198	47585	41.904	ng	96
66) n-Nitrosodiphenylamine	15.825	169	182673	40.248	ng	99
67) 4-Bromophenyl-phenylether	16.507	248	89766	41.634	ng	97
68) Hexachlorobenzene	16.630	284	108997	40.617	ng	96
69) Atrazine	16.777	200	67159	35.880	ng	97
70) Pentachlorophenol	16.977	266	60793	36.875	ng	95
71) Phenanthrene	17.359	178	327514	39.136	ng	99
72) Anthracene	17.453	178	327992	39.278	ng	98
73) Carbazole	17.723	167	294094	40.056	ng	100
74) Di-n-butylphthalate	18.287	149	345502	39.574	ng	99
75) Fluoranthene	19.374	202	451579	39.388	ng	99
77) Benzidine	19.550	184	136418	39.140	ng	96
78) Pyrene	19.733	202	471032	39.885	ng	99
80) Butylbenzylphthalate	20.626	149	147231	39.384	ng	97
81) Benzo(a)anthracene	21.560	228	481680	39.626	ng	100
82) 3,3'-Dichlorobenzidine	21.478	252	172061	39.333	ng	98
83) Chrysene	21.624	228	450600	39.566	ng	99
84) Bis(2-ethylhexyl)phtha...	21.478	149	202963	41.577	ng	99
85) Di-n-octyl phthalate	22.659	149	341007	39.594	ng	99
87) Indeno(1,2,3-cd)pyrene	28.264	276	570382	39.818	ng	99
88) Benzo(b)fluoranthene	23.722	252	479168	39.671	ng	98
89) Benzo(k)fluoranthene	23.781	252	457830	39.400	ng	99
90) Benzo(a)pyrene	24.562	252	417163	39.643	ng	100
91) Dibenzo(a,h)anthracene	28.323	278	469121	39.546	ng	# 95
92) Benzo(g,h,i)perylene	29.368	276	469325	39.812	ng	97

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

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