

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055416.D
 Acq On : 2 Nov 2022 15:29
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 03 06:09:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.242	152	33995	20.000	ng	0.00
21) Naphthalene-d8	11.074	136	152745	20.000	ng	0.00
39) Acenaphthene-d10	14.864	164	112424	20.000	ng	0.00
64) Phenanthrene-d10	17.596	188	254374	20.000	ng	0.00
76) Chrysene-d12	21.873	240	233565	20.000	ng	0.00
86) Perylene-d12	25.246	264	263140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.769	112	145289	76.752	ng	0.00
7) Phenol-d6	7.396	99	213056	81.162	ng	0.00
23) Nitrobenzene-d5	9.423	82	222127	77.503	ng	0.00
42) 2,4,6-Tribromophenol	16.344	330	120331	78.469	ng	0.00
45) 2-Fluorobiphenyl	13.489	172	569308	75.081	ng	0.00
79) Terphenyl-d14	20.169	244	906737	75.490	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.571	88	30957	36.055	ng	98
3) Pyridine	3.994	79	98881	38.806	ng	97
4) n-Nitrosodimethylamine	3.906	42	39437	39.177	ng	99
6) Aniline	7.561	93	134208	39.418	ng	99
8) 2-Chlorophenol	7.807	128	89338	38.843	ng	100
9) Benzaldehyde	7.373	77	60596	39.264	ng	97
10) Phenol	7.420	94	119053	40.069	ng	99
11) bis(2-Chloroethyl)ether	7.649	93	87718	39.460	ng	97
12) 1,3-Dichlorobenzene	8.131	146	98633	37.835	ng	99
13) 1,4-Dichlorobenzene	8.283	146	101459	38.212	ng	99
14) 1,2-Dichlorobenzene	8.601	146	98693	38.833	ng	99
15) Benzyl Alcohol	8.483	79	88185	42.120	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.771	45	116530	39.401	ng	98
17) 2-Methylphenol	8.689	107	86983	40.687	ng	99
18) Hexachloroethane	9.341	117	35331	39.006	ng	95
19) n-Nitroso-di-n-propyla...	9.047	70	82649	40.292	ng	99
20) 3+4-Methylphenols	9.018	107	124635	41.031	ng	97
22) Acetophenone	9.076	105	153709	38.393	ng	99
24) Nitrobenzene	9.464	77	115350	38.603	ng	99
25) Isophorone	9.987	82	219805	38.725	ng	100
26) 2-Nitrophenol	10.181	139	60576	39.370	ng	98
27) 2,4-Dimethylphenol	10.228	122	84694	39.258	ng	97
28) bis(2-Chloroethoxy)met...	10.457	93	115798	38.302	ng	98
29) 2,4-Dichlorophenol	10.722	162	103548	39.347	ng	97
30) 1,2,4-Trichlorobenzene	10.933	180	109179	38.312	ng	98
31) Naphthalene	11.127	128	329072	38.264	ng	99
32) Benzoic acid	10.398	122	54684	43.025	ng	97
33) 4-Chloroaniline	11.227	127	140399	39.290	ng	98
34) Hexachlorobutadiene	11.397	225	67339	38.015	ng	99
35) Caprolactam	12.014	113	36943	37.915	ng	96
36) 4-Chloro-3-methylphenol	12.337	107	114578	39.763	ng	99
37) 2-Methylnaphthalene	12.713	142	242656	38.413	ng	99
38) 1-Methylnaphthalene	12.931	142	238795	38.757	ng	99
40) 1,2,4,5-Tetrachloroben...	13.072	216	127692	38.450	ng	100
41) Hexachlorocyclopentadiene	13.048	237	56340	39.150	ng	96
43) 2,4,6-Trichlorophenol	13.307	196	92466	39.982	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.389	196	102411	39.755	ng	99
46) 1,1'-Biphenyl	13.700	154	315722	38.165	ng	99
47) 2-Chloronaphthalene	13.753	162	253606	38.152	ng	99
48) 2-Nitroaniline	13.947	65	79414	38.896	ng	97
49) Acenaphthylene	14.588	152	417557	38.256	ng	100
50) Dimethylphthalate	14.306	163	353089	37.626	ng	100
51) 2,6-Dinitrotoluene	14.435	165	75555	38.458	ng	99
52) Acenaphthene	14.928	154	248607	38.270	ng	98
53) 3-Nitroaniline	14.764	138	83407	37.774	ng	98
54) 2,4-Dinitrophenol	14.975	184	42406	38.568	ng	96
55) Dibenzofuran	15.257	168	410965	38.221	ng	99
56) 4-Nitrophenol	15.075	139	57786	38.168	ng	97
57) 2,4-Dinitrotoluene	15.216	165	108633	38.672	ng	99
58) Fluorene	15.904	166	330868	37.879	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.481	232	90673	39.146	ng	99
60) Diethylphthalate	15.651	149	360258	36.941	ng	99
61) 4-Chlorophenyl-phenylether	15.880	204	169727	37.584	ng	97
62) 4-Nitroaniline	15.927	138	86584	37.063	ng	99
63) Azobenzene	16.174	77	304765	37.594	ng	98
65) 4,6-Dinitro-2-methylph...	15.980	198	67684	41.308	ng	96
66) n-Nitrosodiphenylamine	16.098	169	292411	38.665	ng	98
67) 4-Bromophenyl-phenylether	16.773	248	116891	38.874	ng	99
68) Hexachlorobenzene	16.903	284	133272	38.865	ng	97
69) Atrazine	17.032	200	92685	36.505	ng	99
70) Pentachlorophenol	17.249	266	65711	39.235	ng	99
71) Phenanthrene	17.637	178	541884	37.872	ng	99
72) Anthracene	17.731	178	531439	37.893	ng	100
73) Carbazole	17.995	167	483538	37.058	ng	100
74) Di-n-butylphthalate	18.518	149	595065	36.515	ng	99
75) Fluoranthene	19.629	202	625187	36.325	ng	100
77) Benzidine	19.799	184	215280	44.272	ng	100
78) Pyrene	19.987	202	633631	38.456	ng	99
80) Butylbenzylphthalate	20.839	149	266754	38.831	ng	99
81) Benzo(a)anthracene	21.850	228	617892	38.538	ng	99
82) 3,3'-Dichlorobenzidine	21.750	252	216309	39.342	ng	100
83) Chrysene	21.920	228	582902	38.107	ng	99
84) Bis(2-ethylhexyl)phtha...	21.709	149	385445	38.600	ng	99
85) Di-n-octyl phthalate	22.960	149	653641	38.203	ng	100
87) Indeno(1,2,3-cd)pyrene	29.135	276	804011	38.056	ng	# 52
88) Benzo(b)fluoranthene	24.165	252	629981	37.690	ng	100
89) Benzo(k)fluoranthene	24.241	252	639140	38.051	ng	100
90) Benzo(a)pyrene	25.087	252	545196	37.723	ng	100
91) Dibenzo(a,h)anthracene	29.194	278	664967	38.150	ng	100
92) Benzo(g,h,i)perylene	30.363	276	658341	37.976	ng	98

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

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