

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
 Data File : BG060955.D
 Acq On : 19 Apr 2024 11:24
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 19 12:07:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	25890	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	101682	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	86076	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	215327	20.000	ng	# 0.00
76) Chrysene-d12	21.581	240	207391	20.000	ng	# 0.00
86) Perylene-d12	24.701	264	247976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	109190	73.256	ng	0.00
7) Phenol-d6	7.104	99	150750	70.207	ng	0.00
23) Nitrobenzene-d5	9.095	82	178429	79.663	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	131120	92.208	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	479658	81.774	ng	0.00
79) Terphenyl-d14	19.942	244	1014807	85.398	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.449	88	22756	37.767	ng	95
3) Pyridine	3.837	79	58182	30.350	ng	95
4) n-Nitrosodimethylamine	3.749	42	48950	40.014	ng	# 78
6) Aniline	7.262	93	88661	33.890	ng	96
8) 2-Chlorophenol	7.503	128	62550	36.888	ng	99
9) Benzaldehyde	7.074	77	40026	34.710	ng	91
10) Phenol	7.133	94	75853	35.248	ng	84
11) bis(2-Chloroethyl)ether	7.362	93	53606	32.115	ng	99
12) 1,3-Dichlorobenzene	7.826	146	69531	38.592	ng	95
13) 1,4-Dichlorobenzene	7.973	146	70780	38.375	ng	95
14) 1,2-Dichlorobenzene	8.290	146	67859	37.835	ng	97
15) Benzyl Alcohol	8.173	79	68779	37.236	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.473	45	133863	33.184	ng	96
17) 2-Methylphenol	8.379	107	60684	35.690	ng	96
18) Hexachloroethane	9.019	117	25279	38.597	ng	96
19) n-Nitroso-di-n-propyla...	8.743	70	56149	34.331	ng	93
20) 3+4-Methylphenols	8.708	107	82735	35.074	ng	95
22) Acetophenone	8.755	105	107589	37.155	ng	94
24) Nitrobenzene	9.137	77	84434	38.411	ng	98
25) Isophorone	9.659	82	147443	35.672	ng	# 95
26) 2-Nitrophenol	9.847	139	39167	42.413	ng	# 90
27) 2,4-Dimethylphenol	9.912	122	62939	38.683	ng	99
28) bis(2-Chloroethoxy)met...	10.147	93	82906	35.672	ng	95
29) 2,4-Dichlorophenol	10.382	162	70846	40.132	ng	95
30) 1,2,4-Trichlorobenzene	10.600	180	76217	40.278	ng	97
31) Naphthalene	10.788	128	211526	38.465	ng	100
32) Benzoic acid	10.047	122	53606	40.702	ng	97
33) 4-Chloroaniline	10.887	127	94500	36.667	ng	97
34) Hexachlorobutadiene	11.075	225	64019	47.590	ng	98
35) Caprolactam	11.657	113	23017	35.338	ng	96
36) 4-Chloro-3-methylphenol	12.016	107	81862	38.368	ng	97
37) 2-Methylnaphthalene	12.397	142	165319	39.739	ng	98
38) 1-Methylnaphthalene	12.615	142	153599	39.109	ng	99
40) 1,2,4,5-Tetrachloroben...	12.762	216	115681	43.552	ng	100
41) Hexachlorocyclopentadiene	12.744	237	67852	49.958	ng	97
43) 2,4,6-Trichlorophenol	13.003	196	75009	40.610	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.073	196	91156	40.924	ng	99
46) 1,1'-Biphenyl	13.408	154	227582	38.885	ng	97
47) 2-Chloronaphthalene	13.443	162	173452	38.722	ng	99
48) 2-Nitroaniline	13.643	65	70131	38.153	ng	96
49) Acenaphthylene	14.289	152	293992	38.813	ng	99
50) Dimethylphthalate	14.031	163	263876	38.632	ng	99
51) 2,6-Dinitrotoluene	14.142	165	56889	40.864	ng	94
52) Acenaphthene	14.636	154	177762	38.696	ng	95
53) 3-Nitroaniline	14.471	138	55467	36.295	ng #	88
54) 2,4-Dinitrophenol	14.677	184	34470	41.560	ng	89
55) Dibenzofuran	14.971	168	298834	38.509	ng	93
56) 4-Nitrophenol	14.783	139	44259	37.826	ng	91
57) 2,4-Dinitrotoluene	14.930	165	80539	40.485	ng	98
58) Fluorene	15.623	166	246281	38.261	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.200	232	86066	42.060	ng	98
60) Diethylphthalate	15.400	149	260152	38.026	ng	100
61) 4-Chlorophenyl-phenyle...	15.617	204	145277	40.715	ng	95
62) 4-Nitroaniline	15.635	138	60826	37.018	ng #	80
63) Azobenzene	15.911	77	225631	34.992	ng	91
65) 4,6-Dinitro-2-methylph...	15.699	198	54011	44.960	ng	97
66) n-Nitrosodiphenylamine	15.829	169	231175	39.109	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	104251	43.218	ng	96
68) Hexachlorobenzene	16.628	284	112545	42.878	ng	97
69) Atrazine	16.781	200	87764	41.313	ng	96
70) Pentachlorophenol	16.969	266	79071	44.483	ng	96
71) Phenanthrene	17.362	178	416099	38.177	ng	100
72) Anthracene	17.456	178	432187	38.603	ng	98
73) Carbazole	17.721	167	362892	37.204	ng	98
74) Di-n-butylphthalate	18.291	149	438750	37.362	ng	100
75) Fluoranthene	19.372	202	543138	39.151	ng	97
77) Benzidine	19.548	184	182625	39.923	ng	100
78) Pyrene	19.736	202	550394	38.687	ng	98
80) Butylbenzylphthalate	20.635	149	195091	37.335	ng	92
81) Benzo(a)anthracene	21.557	228	570055	38.925	ng	99
82) 3,3'-Dichlorobenzidine	21.475	252	202966	38.918	ng	97
83) Chrysene	21.622	228	541995	38.761	ng	99
84) Bis(2-ethylhexyl)phtha...	21.493	149	274271	35.496	ng #	99
85) Di-n-octyl phthalate	22.680	149	468573	35.145	ng	99
87) Indeno(1,2,3-cd)pyrene	28.244	276	653990	38.138	ng #	93
88) Benzo(b)fluoranthene	23.714	252	542819	38.689	ng #	97
89) Benzo(k)fluoranthene	23.784	252	542250	37.779	ng #	96
90) Benzo(a)pyrene	24.554	252	520772	37.648	ng	99
91) Dibenzo(a,h)anthracene	28.320	278	540742	38.309	ng #	96
92) Benzo(g,h,i)perylene	29.348	276	532103	38.559	ng #	93

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

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