

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057590.D
 Acq On : 26 May 2023 19:05
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2023
 Supervised By :Yogesh Patel 06/01/2023

Quant Time: May 26 23:34:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 23:28:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	15669	20.000	ng	0.00
21) Naphthalene-d8	11.189	136	64700	20.000	ng	0.00
39) Acenaphthene-d10	14.966	164	50627	20.000	ng	0.00
64) Phenanthrene-d10	17.709	188	141813	20.000	ng	0.00
76) Chrysene-d12	22.021	240	137736	20.000	ng	0.00
86) Perylene-d12	25.522	264	147347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.867	112	37055	41.085	ng	0.00
7) Phenol-d6	7.494	99	57067	40.430	ng	0.00
23) Nitrobenzene-d5	9.526	82	56825	41.056	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	33553	41.395	ng	0.00
45) 2-Fluorobiphenyl	13.591	172	149724	42.501	ng	0.00
79) Terphenyl-d14	20.276	244	332077	41.763	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.658	88	7554	20.215	ng	98
3) Pyridine	4.093	79	23349	20.429	ng	96
4) n-Nitrosodimethylamine	3.999	42	9521	20.598	ng	# 90
6) Aniline	7.658	93	35563	20.827	ng	98
8) 2-Chlorophenol	7.911	128	19827	20.477	ng	93
9) Benzaldehyde	7.476	77	19470	20.820	ng	94
10) Phenol	7.523	94	27704	20.738	ng	98
11) bis(2-Chloroethyl)ether	7.746	93	20824	20.875	ng	92
12) 1,3-Dichlorobenzene	8.240	146	21917	21.246	ng	100
13) 1,4-Dichlorobenzene	8.381	146	21987	20.950	ng	96
14) 1,2-Dichlorobenzene	8.710	146	21227	20.737	ng	98
15) Benzyl Alcohol	8.586	79	21532	19.831	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.863	45	26021	21.007	ng	96
17) 2-Methylphenol	8.792	107	20421	20.815	ng	95
18) Hexachloroethane	9.444	117	7441	20.707	ng	97
19) n-Nitroso-di-n-propyla...	9.150	70	20651	21.059	ng	96
20) 3+4-Methylphenols	9.127	107	28258	20.518	ng	97
22) Acetophenone	9.180	105	35835	20.713	ng	99
24) Nitrobenzene	9.567	77	28989	20.634	ng	98
25) Isophorone	10.090	82	56212	20.663	ng	100
26) 2-Nitrophenol	10.296	139	12391	20.570	ng	96
27) 2,4-Dimethylphenol	10.337	122	21745	20.879	ng	96
28) bis(2-Chloroethoxy)met...	10.560	93	29804	21.128	ng	97
29) 2,4-Dichlorophenol	10.836	162	22639	20.697	ng	93
30) 1,2,4-Trichlorobenzene	11.042	180	24216	20.313	ng	99
31) Naphthalene	11.236	128	71830	20.987	ng	98
32) Benzoic acid	10.460	122	9463m	20.062	ng	
33) 4-Chloroaniline	11.347	127	32551	20.681	ng	96
34) Hexachlorobutadiene	11.506	225	17307	20.989	ng	96
35) Caprolactam	12.105	113	9594	21.157	ng	91
36) 4-Chloro-3-methylphenol	12.446	107	26402	20.391	ng	99
37) 2-Methylnaphthalene	12.816	142	55530	20.672	ng	99
38) 1-Methylnaphthalene	13.033	142	52900	20.684	ng	95
40) 1,2,4,5-Tetrachloroben...	13.180	216	35122	21.136	ng	99
41) Hexachlorocyclopentadiene	13.151	237	2667	19.054	ng	94
43) 2,4,6-Trichlorophenol	13.421	196	21396	20.452	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.503	196	26138	20.978	ng	98
46) 1,1'-Biphenyl	13.803	154	76093	21.030	ng	98
47) 2-Chloronaphthalene	13.856	162	57566	21.122	ng	98
48) 2-Nitroaniline	14.056	65	19612	20.543	ng	98
49) Acenaphthylene	14.696	152	97189	21.059	ng	99
50) Dimethylphthalate	14.402	163	87167	20.890	ng	99
51) 2,6-Dinitrotoluene	14.537	165	18510	20.723	ng	# 90
52) Acenaphthene	15.031	154	59184	20.958	ng	97
53) 3-Nitroaniline	14.872	138	19442	20.869	ng	99
54) 2,4-Dinitrophenol	15.101	184	7573m	20.431	ng	
55) Dibenzofuran	15.360	168	102276	21.195	ng	98
56) 4-Nitrophenol	15.195	139	13060	21.040	ng	99
57) 2,4-Dinitrotoluene	15.330	165	27877	20.845	ng	# 96
58) Fluorene	16.006	166	85960	21.098	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.595	232	22971	19.679	ng	95
60) Diethylphthalate	15.747	149	91765	21.070	ng	99
61) 4-Chlorophenyl-phenyle...	15.988	204	48032	21.154	ng	99
62) 4-Nitroaniline	16.029	138	21982	21.873	ng	93
63) Azobenzene	16.276	77	81836	21.129	ng	99
65) 4,6-Dinitro-2-methylph...	16.094	198	17210	19.931	ng	97
66) n-Nitrosodiphenylamine	16.200	169	76453	20.742	ng	97
67) 4-Bromophenyl-phenylether	16.881	248	32502	20.432	ng	96
68) Hexachlorobenzene	17.016	284	33777	20.599	ng	99
69) Atrazine	17.134	200	33404	21.108	ng	98
70) Pentachlorophenol	17.369	266	15416	18.451	ng	94
71) Phenanthrene	17.750	178	150407	20.725	ng	99
72) Anthracene	17.845	178	155449	20.880	ng	99
73) Carbazole	18.109	167	141807	21.292	ng	99
74) Di-n-butylphthalate	18.626	149	166965	21.118	ng	99
75) Fluoranthene	19.742	202	199150	21.138	ng	99
77) Benzidine	19.906	184	92648	22.229	ng	99
78) Pyrene	20.100	202	203782	20.779	ng	100
80) Butylbenzylphthalate	20.952	149	72614	20.330	ng	97
81) Benzo(a)anthracene	21.998	228	196925	20.608	ng	99
82) 3,3'-Dichlorobenzidine	21.892	252	72615	20.607	ng	99
83) Chrysene	22.068	228	185340	20.525	ng	99
84) Bis(2-ethylhexyl)phtha...	21.833	149	104823	20.574	ng	100
85) Di-n-octyl phthalate	23.126	149	174386	20.650	ng	100
87) Indeno(1,2,3-cd)pyrene	29.570	276	212480	20.683	ng	100
88) Benzo(b)fluoranthene	24.394	252	187293	20.651	ng	99
89) Benzo(k)fluoranthene	24.471	252	189310	20.682	ng	98
90) Benzo(a)pyrene	25.352	252	184376	20.846	ng	99
91) Dibenzo(a,h)anthracene	29.623	278	177664	20.780	ng	97
92) Benzo(g,h,i)perylene	30.839	276	172885	20.734	ng	97

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

