

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053220.D
 Acq On : 20 Apr 2022 17:57
 Operator : CG/JU
 Sample : N2468-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-6MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
 Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 21 06:04:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	35637	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	141601	20.000	ng	-0.01
39) Acenaphthene-d10	14.737	164	100170	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	226971	20.000	ng	0.00
76) Chrysene-d12	21.774	240	212645	20.000	ng	0.00
86) Perylene-d12	25.070	264	208624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	289903	139.447	ng	0.00
7) Phenol-d6	7.282	99	385408	120.216	ng	0.00
23) Nitrobenzene-d5	9.279	82	312478	89.602	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	210316	131.970	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	661276	91.029	ng	0.00
79) Terphenyl-d14	20.088	244	1130216	89.766	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.575	88	37913	38.187	ng	# 10
3) Pyridine	3.987	79	87488	33.411	ng	# 88
4) n-Nitrosodimethylamine	3.881	42	62279	48.029	ng	81
6) Aniline	7.441	93	48351	13.013	ng	97
8) 2-Chlorophenol	7.682	128	115590	51.502	ng	96
9) Benzaldehyde	7.247	77	53930m	28.142	ng	
10) Phenol	7.306	94	139317	43.657	ng	90
11) bis(2-Chloroethyl)ether	7.529	93	113014	49.128	ng	94
12) 1,3-Dichlorobenzene	8.005	146	124094m	47.581	ng	
13) 1,4-Dichlorobenzene	8.152	146	125930	47.363	ng	95
14) 1,2-Dichlorobenzene	8.475	146	122291	47.696	ng	98
15) Benzyl Alcohol	8.351	79	127366m	44.696	ng	
16) 2,2'-oxybis(1-Chloropr...	8.639	45	179167	46.651	ng	98
17) 2-Methylphenol	8.557	107	104008	48.163	ng	93
18) Hexachloroethane	9.203	117	48238	48.380	ng	93
19) n-Nitroso-di-n-propyla...	8.921	70	106274	45.279	ng	# 91
20) 3+4-Methylphenols	8.886	107	138993	45.594	ng	94
22) Acetophenone	8.939	105	186816	47.555	ng	# 95
24) Nitrobenzene	9.321	77	161265	47.541	ng	91
25) Isophorone	9.843	82	289203	48.789	ng	98
26) 2-Nitrophenol	10.037	139	67870	47.848	ng	# 89
27) 2,4-Dimethylphenol	10.096	122	110979	54.630	ng	96
28) bis(2-Chloroethoxy)met...	10.319	93	151939	45.626	ng	99
29) 2,4-Dichlorophenol	10.578	162	124517	48.757	ng	99
30) 1,2,4-Trichlorobenzene	10.789	180	134277	46.456	ng	95
31) Naphthalene	10.977	128	353129	46.743	ng	98
32) Benzoic acid	10.255	122	61803	46.841	ng	# 88
33) 4-Chloroaniline	11.089	127	9665	2.987	ng	90
34) Hexachlorobutadiene	11.265	225	99339	46.267	ng	98
35) Caprolactam	11.864	113	29591m	32.872	ng	
36) 4-Chloro-3-methylphenol	12.205	107	136146	45.791	ng	92
37) 2-Methylnaphthalene	12.575	142	250380	44.790	ng	# 94
38) 1-Methylnaphthalene	12.792	142	242211m	44.389	ng	
40) 1,2,4,5-Tetrachloroben...	12.945	216	163906	48.177	ng	99
41) Hexachlorocyclopentadiene	12.922	237	214730	122.267	ng	93
43) 2,4,6-Trichlorophenol	13.180	196	111822	47.672	ng	96

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44) 2,4,5-Trichlorophenol	13.256	196	119510	47.812	ng	94
46) 1,1'-Biphenyl	13.574	154	343856	47.668	ng	98
47) 2-Chloronaphthalene	13.621	162	268515	46.656	ng	95
48) 2-Nitroaniline	13.814	65	96946	44.388	ng	90
49) Acenaphthylene	14.461	152	447770	49.702	ng	97
50) Dimethylphthalate	14.185	163	359877	44.917	ng	100
51) 2,6-Dinitrotoluene	14.308	165	78004	46.669	ng	# 84
52) Acenaphthene	14.801	154	335804m	54.964	ng	
53) 3-Nitroaniline	14.637	138	13157	7.444	ng	# 99
54) 2,4-Dinitrophenol	14.848	184	107386	100.973	ng	# 90
55) Dibenzofuran	15.136	168	430723	45.024	ng	98
56) 4-Nitrophenol	14.954	139	116720	86.591	ng	# 76
57) 2,4-Dinitrotoluene	15.095	165	109324	45.942	ng	# 85
58) Fluorene	15.782	166	350258	45.331	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.365	232	110249	45.418	ng	99
60) Diethylphthalate	15.542	149	361190	43.027	ng	100
61) 4-Chlorophenyl-phenyle...	15.771	204	193266	44.125	ng	98
62) 4-Nitroaniline	15.800	138	57095	30.614	ng	# 79
63) Azobenzene	16.064	77	365200	43.150	ng	96
65) 4,6-Dinitro-2-methylph...	15.865	198	72193	45.590	ng	96
66) n-Nitrosodiphenylamine	15.988	169	280652	42.999	ng	98
67) 4-Bromophenyl-phenylether	16.664	248	137407	47.247	ng	96
68) Hexachlorobenzene	16.793	284	149347	47.418	ng	96
69) Atrazine	16.928	200	72576	28.466	ng	98
70) Pentachlorophenol	17.139	266	181576	105.487	ng	92
71) Phenanthrene	17.527	178	577086	46.548	ng	98
72) Anthracene	17.615	178	579662	47.195	ng	99
73) Carbazole	17.885	167	482862	40.444	ng	100
74) Di-n-butylphthalate	18.432	149	614734	45.399	ng	98
75) Fluoranthene	19.536	202	706296	44.445	ng	99
77) Benzidine	19.730	184	44535m	7.340	ng	
78) Pyrene	19.894	202	706927	46.679	ng	99
80) Butylbenzylphthalate	20.770	149	261117	46.247	ng	97
81) Benzo(a)anthracene	21.751	228	687018	47.253	ng	99
82) 3,3'-Dichlorobenzidine	21.657	252	19040m	3.561	ng	
83) Chrysene	21.821	228	627824	46.528	ng	99
84) Bis(2-ethylhexyl)phtha...	21.639	149	360694	47.261	ng	99
85) Di-n-octyl phthalate	22.879	149	607750	47.614	ng	96
87) Indeno(1,2,3-cd)pyrene	28.865	276	769277	49.632	ng	# 95
88) Benzo(b)fluoranthene	24.018	252	709990	53.938	ng	96
89) Benzo(k)fluoranthene	24.095	252	663534	51.291	ng	99
90) Benzo(a)pyrene	24.917	252	660886	58.936	ng	98
91) Dibenzo(a,h)anthracene	28.923	278	673981	52.832	ng	98
92) Benzo(g,h,i)perylene	30.045	276	666184	52.982	ng	97

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

