

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057542.D
 Acq On : 24 May 2023 20:16
 Operator : CG/JU
 Sample : 02899-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB08MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/25/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Quant Time: May 25 02:26:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	18839	20.000	ng	-0.01
21) Naphthalene-d8	11.198	136	71475	20.000	ng	0.00
39) Acenaphthene-d10	14.976	164	50258	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	130936	20.000	ng	-0.01
76) Chrysene-d12	22.019	240	127111	20.000	ng	-0.02
86) Perylene-d12	25.520	264	137429	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	110588	100.416	ng	0.00
7) Phenol-d6	7.503	99	158105	94.539	ng	0.00
23) Nitrobenzene-d5	9.536	82	96517	56.676	ng	-0.01
42) 2,4,6-Tribromophenol	16.456	330	77000	107.978	ng	-0.01
45) 2-Fluorobiphenyl	13.595	172	227658	61.007	ng	-0.01
79) Terphenyl-d14	20.274	244	471106	60.483	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.667	88	20925	45.953	ng	99
3) Pyridine	4.096	79	57543	39.322	ng	94
4) n-Nitrosodimethylamine	4.002	42	28789	41.863	ng	89
6) Aniline	7.668	93	73305	34.553	ng	94
8) 2-Chlorophenol	7.921	128	61696	53.016	ng	97
9) Benzaldehyde	7.480	77	43085	50.393	ng	96
10) Phenol	7.533	94	83709	51.347	ng	95
11) bis(2-Chloroethyl)ether	7.756	93	58398	47.504	ng	99
12) 1,3-Dichlorobenzene	8.244	146	69466	54.085	ng	97
13) 1,4-Dichlorobenzene	8.390	146	69910	54.188	ng	96
14) 1,2-Dichlorobenzene	8.719	146	68546	55.037	ng	96
15) Benzyl Alcohol	8.596	79	64882	46.570	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.872	45	72003	46.471	ng	96
17) 2-Methylphenol	8.802	107	55876	47.547	ng	98
18) Hexachloroethane	9.454	117	25216	54.161	ng	96
19) n-Nitroso-di-n-propyla...	9.160	70	52008	40.784	ng	96
20) 3+4-Methylphenols	9.131	107	77183	47.965	ng	95
22) Acetophenone	9.189	105	99039	48.413	ng	# 96
24) Nitrobenzene	9.583	77	78108	45.442	ng	97
25) Isophorone	10.100	82	137001	41.487	ng	99
26) 2-Nitrophenol	10.300	139	36144	54.936	ng	90
27) 2,4-Dimethylphenol	10.341	122	61318	53.225	ng	97
28) bis(2-Chloroethoxy)met...	10.570	93	76290	46.115	ng	98
29) 2,4-Dichlorophenol	10.840	162	65745	53.806	ng	95
30) 1,2,4-Trichlorobenzene	11.052	180	71464	50.707	ng	98
31) Naphthalene	11.245	128	190154	49.764	ng	99
32) Benzoic acid	10.499	122	35265	52.584	ng	92
33) 4-Chloroaniline	11.351	127	56461	32.903	ng	98
34) Hexachlorobutadiene	11.516	225	51381	49.133	ng	97
35) Caprolactam	12.127	113	21712m	52.019	ng	
36) 4-Chloro-3-methylphenol	12.456	107	70591	50.837	ng	97
37) 2-Methylnaphthalene	12.826	142	137612	45.804	ng	97
38) 1-Methylnaphthalene	13.043	142	128793	45.482	ng	99
40) 1,2,4,5-Tetrachloroben...	13.184	216	94617	53.030	ng	99
41) Hexachlorocyclopentadiene	13.155	237	72956	84.670	ng	100
43) 2,4,6-Trichlorophenol	13.425	196	59446	54.688	ng	99

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44) 2,4,5-Trichlorophenol	13.507	196	65447	51.185	ng	98
46) 1,1'-Biphenyl	13.807	154	192547	51.630	ng	98
47) 2-Chloronaphthalene	13.865	162	148498	53.547	ng	98
48) 2-Nitroaniline	14.059	65	47115	49.966	ng	94
49) Acenaphthylene	14.700	152	230374	51.133	ng	99
50) Dimethylphthalate	14.412	163	190777	46.193	ng	99
51) 2,6-Dinitrotoluene	14.541	165	43171	51.197	ng	88
52) Acenaphthene	15.034	154	141553	50.279	ng	99
53) 3-Nitroaniline	14.876	138	31745	37.578	ng	89
54) 2,4-Dinitrophenol	15.093	184	61811	116.008	ng	94
55) Dibenzofuran	15.369	168	235179	49.717	ng	98
56) 4-Nitrophenol	15.187	139	67431	120.016	ng	89
57) 2,4-Dinitrotoluene	15.334	165	64182	53.258	ng	91
58) Fluorene	16.015	166	194725	49.976	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.598	232	61484	53.039	ng	99
60) Diethylphthalate	15.757	149	196851	46.935	ng	97
61) 4-Chlorophenyl-phenyle...	15.992	204	112239	47.817	ng	97
62) 4-Nitroaniline	16.039	138	46164	54.169	ng	89
63) Azobenzene	16.286	77	194135	47.973	ng	95
65) 4,6-Dinitro-2-methylph...	16.098	198	46193	59.090	ng	99
66) n-Nitrosodiphenylamine	16.203	169	172782	48.586	ng	100
67) 4-Bromophenyl-phenylether	16.885	248	76214	47.681	ng	99
68) Hexachlorobenzene	17.020	284	82043	52.819	ng	97
69) Atrazine	17.137	200	83930	61.869	ng	96
70) Pentachlorophenol	17.367	266	87763	98.039	ng	97
71) Phenanthrene	17.754	178	341758	50.937	ng	99
72) Anthracene	17.848	178	342950	49.815	ng	98
73) Carbazole	18.113	167	322032	55.563	ng	98
74) Di-n-butylphthalate	18.624	149	365056	54.745	ng	# 98
75) Fluoranthene	19.746	202	439528	52.671	ng	99
77) Benzidine	19.910	184	211595	74.459	ng	99
78) Pyrene	20.104	202	444589	48.133	ng	98
80) Butylbenzylphthalate	20.950	149	163874	55.916	ng	97
81) Benzo(a)anthracene	21.996	228	447529	49.417	ng	99
82) 3,3'-Dichlorobenzidine	21.896	252	113533	39.139	ng	98
83) Chrysene	22.072	228	407461	47.819	ng	99
84) Bis(2-ethylhexyl)phtha...	21.837	149	235125	54.224	ng	98
85) Di-n-octyl phthalate	23.129	149	395927	54.769	ng	97
87) Indeno(1,2,3-cd)pyrene	29.574	276	499851	49.905	ng	99
88) Benzo(b)fluoranthene	24.398	252	449516	50.037	ng	98
89) Benzo(k)fluoranthene	24.469	252	440928	48.300	ng	99
90) Benzo(a)pyrene	25.356	252	399385	45.505	ng	96
91) Dibenzo(a,h)anthracene	29.632	278	418199	50.136	ng	# 97
92) Benzo(g,h,i)perylene	30.848	276	404977	49.723	ng	98

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

