

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054151.D
 Acq On : 29 Jun 2022 18:56
 Operator : CG/JU
 Sample : N3531-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/30/2022
 Supervised By : Jagrut Upadhyay 07/01/2022

Quant Time: Jun 29 20:59:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	22465	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	93355	20.000	ng	0.00
39) Acenaphthene-d10	14.699	164	73432	20.000	ng	0.00
64) Phenanthrene-d10	17.443	188	188484	20.000	ng	# 0.00
76) Chrysene-d12	21.720	240	195431	20.000	ng	0.00
86) Perylene-d12	24.975	264	203960	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	144351	122.852	ng	0.00
7) Phenol-d6	7.231	99	201180	126.213	ng	0.00
23) Nitrobenzene-d5	9.229	82	125929	75.804	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	138909	117.738	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	358824	71.056	ng	0.00
79) Terphenyl-d14	20.045	244	737485	76.004	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.518	88	21050	40.982	ng	96
3) Pyridine	3.917	79	55828	40.731	ng	93
4) n-Nitrosodimethylamine	3.829	42	32089	53.223	ng	97
6) Aniline	7.390	93	87603	46.355	ng	96
8) 2-Chlorophenol	7.636	128	71551	57.031	ng	91
9) Benzaldehyde	7.202	77	43925m	46.692	ng	
10) Phenol	7.260	94	91576	56.689	ng	92
11) bis(2-Chloroethyl)ether	7.478	93	62746	50.605	ng	96
12) 1,3-Dichlorobenzene	7.960	146	77035	49.002	ng	90
13) 1,4-Dichlorobenzene	8.101	146	77546	49.106	ng	97
14) 1,2-Dichlorobenzene	8.424	146	75784	49.991	ng	97
15) Benzyl Alcohol	8.300	79	68232	57.273	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.594	45	98643	53.219	ng	98
17) 2-Methylphenol	8.512	107	63203	56.321	ng	91
18) Hexachloroethane	9.152	117	26154	49.925	ng	# 81
19) n-Nitroso-di-n-propyla...	8.870	70	55866	52.168	ng	95
20) 3+4-Methylphenols	8.841	107	88135	56.003	ng	95
22) Acetophenone	8.888	105	108250	47.704	ng	# 95
24) Nitrobenzene	9.270	77	79862	48.819	ng	# 86
25) Isophorone	9.793	82	159089	51.277	ng	# 94
26) 2-Nitrophenol	9.987	139	41542	57.494	ng	# 81
27) 2,4-Dimethylphenol	10.045	122	71597	61.220	ng	90
28) bis(2-Chloroethoxy)met...	10.275	93	90740	54.290	ng	97
29) 2,4-Dichlorophenol	10.527	162	85896	54.780	ng	92
30) 1,2,4-Trichlorobenzene	10.739	180	86883	44.749	ng	96
31) Naphthalene	10.927	128	218597	46.384	ng	99
32) Benzoic acid	10.198	122	38626	69.272	ng	# 88
33) 4-Chloroaniline	11.033	127	64755	33.120	ng	# 91
34) Hexachlorobutadiene	11.215	225	64671	43.325	ng	97
35) Caprolactam	11.802	113	26605m	61.634	ng	
36) 4-Chloro-3-methylphenol	12.155	107	86423	56.698	ng	# 86
37) 2-Methylnaphthalene	12.531	142	167079	47.917	ng	97
38) 1-Methylnaphthalene	12.748	142	159640	47.020	ng	99
40) 1,2,4,5-Tetrachloroben...	12.895	216	126146	44.582	ng	96
41) Hexachlorocyclopentadiene	12.877	237	132824	100.812	ng	96
43) 2,4,6-Trichlorophenol	13.136	196	82275	51.765	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	91303	51.448	ng	# 95
46) 1,1'-Biphenyl	13.530	154	245090	47.916	ng	98
47) 2-Chloronaphthalene	13.577	162	194016	46.869	ng	97
48) 2-Nitroaniline	13.771	65	60531	54.971	ng	90
49) Acenaphthylene	14.417	152	308722	47.961	ng	100
50) Dimethylphthalate	14.147	163	268448	48.002	ng	99
51) 2,6-Dinitrotoluene	14.264	165	59682	52.820	ng	# 76
52) Acenaphthene	14.758	154	224814m	54.792	ng	
53) 3-Nitroaniline	14.593	138	39992	36.533	ng	88
54) 2,4-Dinitrophenol	14.805	184	71606	111.780	ng	# 77
55) Dibenzofuran	15.092	168	314708	47.606	ng	95
56) 4-Nitrophenol	14.910	139	90289	116.175	ng	# 86
57) 2,4-Dinitrotoluene	15.051	165	87321	54.721	ng	# 84
58) Fluorene	15.739	166	259034	47.724	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.322	232	86320	49.737	ng	92
60) Diethylphthalate	15.504	149	263360	48.627	ng	97
61) 4-Chlorophenyl-phenyle...	15.727	204	155678	47.908	ng	90
62) 4-Nitroaniline	15.756	138	56957	49.892	ng	# 76
63) Azobenzene	16.021	77	216257	49.606	ng	92
65) 4,6-Dinitro-2-methylph...	15.821	198	52973	56.333	ng	82
66) n-Nitrosodiphenylamine	15.944	169	240650	48.990	ng	96
67) 4-Bromophenyl-phenylether	16.626	248	111021	47.161	ng	93
68) Hexachlorobenzene	16.749	284	124386	46.192	ng	93
69) Atrazine	16.890	200	109492	53.807	ng	96
70) Pentachlorophenol	17.096	266	134325	107.386	ng	97
71) Phenanthrene	17.484	178	454716	46.956	ng	97
72) Anthracene	17.572	178	462546	48.913	ng	99
73) Carbazole	17.842	167	404254	49.804	ng	98
74) Di-n-butylphthalate	18.394	149	466389	49.696	ng	# 98
75) Fluoranthene	19.493	202	571700	44.973	ng	97
77) Benzidine	19.664	184	338122	83.545	ng	98
78) Pyrene	19.852	202	578052	48.973	ng	97
80) Butylbenzylphthalate	20.733	149	202978	53.650	ng	88
81) Benzo(a)anthracene	21.697	228	595421	47.055	ng	98
82) 3,3'-Dichlorobenzidine	21.608	252	138572	36.654	ng	99
83) Chrysene	21.767	228	552871	45.837	ng	98
84) Bis(2-ethylhexyl)phtha...	21.597	149	291053	53.789	ng	# 95
85) Di-n-octyl phthalate	22.819	149	493332	53.045	ng	95
87) Indeno(1,2,3-cd)pyrene	28.700	276	696749	45.268	ng	# 98
88) Benzo(b)fluoranthene	23.941	252	604033	48.707	ng	99
89) Benzo(k)fluoranthene	24.011	252	599987	48.865	ng	99
90) Benzo(a)pyrene	24.822	252	540602	51.666	ng	# 99
91) Dibenzo(a,h)anthracene	28.765	278	606580	47.658	ng	98
92) Benzo(g,h,i)perylene	29.869	276	592880	47.201	ng	97

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

