

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
 Data File : BG054175.D
 Acq On : 30 Jun 2022 18:45
 Operator : CG/JU
 Sample : N3548-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 V-1MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 04:05:01 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	8.067	152	18741	20.000	ng	0.00
21) Naphthalene-d8	10.875	136	75415	20.000	ng	0.00
39) Acenaphthene-d10	14.695	164	60067	20.000	ng	0.00
64) Phenanthrene-d10	17.438	188	157094	20.000	ng	# 0.00
76) Chrysene-d12	21.716	240	173202	20.000	ng	# 0.00
86) Perylene-d12	24.965	264	180588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	103328	105.413	ng	0.00
7) Phenol-d6	7.233	99	143562	107.962	ng	0.00
23) Nitrobenzene-d5	9.224	82	95572	71.216	ng	0.00
42) 2,4,6-Tribromophenol	16.181	330	105073	108.875	ng	0.00
45) 2-Fluorobiphenyl	13.314	172	275426	66.677	ng	0.00
79) Terphenyl-d14	20.041	244	635077	73.850	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.513	88	16142	37.671	ng	90
3) Pyridine	3.913	79	42706	37.348	ng	# 88
4) n-Nitrosodimethylamine	3.831	42	27052	53.785	ng	# 80
6) Aniline	7.385	93	57152	36.251	ng	98
8) 2-Chlorophenol	7.632	128	56642	54.119	ng	93
9) Benzaldehyde	7.197	77	34789m	44.329	ng	
10) Phenol	7.256	94	70505	52.318	ng	97
11) bis(2-Chloroethyl)ether	7.479	93	47255	45.685	ng	93
12) 1,3-Dichlorobenzene	7.955	146	63627	48.516	ng	93
13) 1,4-Dichlorobenzene	8.102	146	63205	47.977	ng	95
14) 1,2-Dichlorobenzene	8.419	146	62546	49.457	ng	98
15) Benzyl Alcohol	8.302	79	54444	54.781	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.590	45	72250	46.725	ng	97
17) 2-Methylphenol	8.508	107	48398	51.698	ng	93
18) Hexachloroethane	9.154	117	21783	49.843	ng	# 77
19) n-Nitroso-di-n-propyla...	8.866	70	41647	46.618	ng	89
20) 3+4-Methylphenols	8.837	107	66168	50.399	ng	95
22) Acetophenone	8.884	105	84494	46.093	ng	# 98
24) Nitrobenzene	9.271	77	63219	47.838	ng	# 86
25) Isophorone	9.794	82	117218	46.769	ng	95
26) 2-Nitrophenol	9.982	139	32455	55.603	ng	# 84
27) 2,4-Dimethylphenol	10.041	122	53011	56.111	ng	90
28) bis(2-Chloroethoxy)met...	10.270	93	66154	48.996	ng	99
29) 2,4-Dichlorophenol	10.523	162	67642	53.401	ng	90
30) 1,2,4-Trichlorobenzene	10.740	180	73831	47.073	ng	97
31) Naphthalene	10.928	128	172227	45.238	ng	99
32) Benzoic acid	10.194	122	30000	67.036	ng	# 84
33) 4-Chloroaniline	11.028	127	38919	24.641	ng	# 91
34) Hexachlorobutadiene	11.210	225	58814	48.774	ng	95
35) Caprolactam	11.798	113	19781m	56.726	ng	
36) 4-Chloro-3-methylphenol	12.150	107	64875	52.686	ng	87
37) 2-Methylnaphthalene	12.526	142	129497	45.974	ng	97
38) 1-Methylnaphthalene	12.744	142	125156	45.633	ng	96
40) 1,2,4,5-Tetrachloroben...	12.897	216	108867	47.036	ng	# 96
41) Hexachlorocyclopentadiene	12.873	237	94902	88.056	ng	98
43) 2,4,6-Trichlorophenol	13.132	196	66277	50.978	ng	95

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44) 2,4,5-Trichlorophenol	13.208	196	73225	50.442	ng	# 93
46) 1,1'-Biphenyl	13.525	154	188670	45.093	ng	98
47) 2-Chloronaphthalene	13.572	162	153954	45.466	ng	97
48) 2-Nitroaniline	13.766	65	44557	49.467	ng	92
49) Acenaphthylene	14.418	152	236631	44.941	ng	99
50) Dimethylphthalate	14.142	163	200047	43.730	ng	# 98
51) 2,6-Dinitrotoluene	14.260	165	46217	50.004	ng	# 78
52) Acenaphthene	14.759	154	173868m	51.804	ng	
53) 3-Nitroaniline	14.595	138	30596	34.169	ng	80
54) 2,4-Dinitrophenol	14.800	184	54148	103.867	ng	# 80
55) Dibenzofuran	15.088	168	244927	45.293	ng	95
56) 4-Nitrophenol	14.912	139	67858	106.740	ng	90
57) 2,4-Dinitrotoluene	15.053	165	67264	51.530	ng	# 83
58) Fluorene	15.740	166	204670	46.098	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.317	232	72451	51.035	ng	# 89
60) Diethylphthalate	15.505	149	198910	44.899	ng	97
61) 4-Chlorophenyl-phenyle...	15.729	204	126769	47.692	ng	# 89
62) 4-Nitroaniline	15.752	138	42949	45.993	ng	# 81
63) Azobenzene	16.022	77	163572	45.869	ng	89
65) 4,6-Dinitro-2-methylph...	15.817	198	41850	53.397	ng	85
66) n-Nitrosodiphenylamine	15.940	169	185648	45.344	ng	96
67) 4-Bromophenyl-phenylether	16.622	248	93282	47.544	ng	# 90
68) Hexachlorobenzene	16.751	284	108412	48.305	ng	# 91
69) Atrazine	16.886	200	89754	52.920	ng	95
70) Pentachlorophenol	17.092	266	112963	108.354	ng	96
71) Phenanthrene	17.479	178	366533	45.413	ng	98
72) Anthracene	17.568	178	369473	46.878	ng	100
73) Carbazole	17.838	167	318490	47.079	ng	98
74) Di-n-butylphthalate	18.390	149	363719	46.500	ng	98
75) Fluoranthene	19.489	202	482026	45.495	ng	96
77) Benzidine	19.659	184	186317	51.945	ng	97
78) Pyrene	19.847	202	488099	46.659	ng	99
80) Butylbenzylphthalate	20.729	149	160439	47.849	ng	87
81) Benzo(a)anthracene	21.692	228	511790	45.636	ng	98
82) 3,3'-Dichlorobenzidine	21.604	252	122839	36.662	ng	# 98
83) Chrysene	21.763	228	475913	44.521	ng	97
84) Bis(2-ethylhexyl)phtha...	21.592	149	227913	47.526	ng	# 96
85) Di-n-octyl phthalate	22.814	149	390698	47.401	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.696	276	615873	45.192	ng	# 96
88) Benzo(b)fluoranthene	23.931	252	529239	48.199	ng	99
89) Benzo(k)fluoranthene	24.001	252	510877	46.993	ng	98
90) Benzo(a)pyrene	24.818	252	473905	51.154	ng	100
91) Dibenzo(a,h)anthracene	28.754	278	529469	46.983	ng	97
92) Benzo(g,h,i)perylene	29.859	276	527549	47.436	ng	95

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

