

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
 Data File : BG056703.D
 Acq On : 22 Feb 2023 18:40
 Operator : CG/JU
 Sample : 01639-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-02212023MSD

Quant Time: Feb 23 01:48:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 01:45:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.435	152	22117	20.000	ng	0.00
21) Naphthalene-d8	11.273	136	84961	20.000	ng	# 0.00
39) Acenaphthene-d10	15.039	164	55987	20.000	ng	0.00
64) Phenanthrene-d10	17.777	188	117684	20.000	ng	0.00
76) Chrysene-d12	22.095	240	97723	20.000	ng	0.00
86) Perylene-d12	25.650	264	90008	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.944	112	150391	110.637	ng	0.00
7) Phenol-d6	7.565	99	211138	105.153	ng	0.00
23) Nitrobenzene-d5	9.610	82	140643	84.758	ng	0.00
42) 2,4,6-Tribromophenol	16.519	330	85912	112.079	ng	0.00
45) 2-Fluorobiphenyl	13.670	172	297663	71.193	ng	0.00
79) Terphenyl-d14	20.338	244	423707	70.939	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.752	88	17551	29.451	ng	95
3) Pyridine	4.175	79	56543	29.996	ng	96
4) n-Nitrosodimethylamine	4.081	42	31881	36.284	ng	92
6) Aniline	7.747	93	40588	14.545	ng	99
8) 2-Chlorophenol	7.994	128	66510	49.452	ng	96
9) Benzaldehyde	7.559	77	42870	40.372	ng	96
10) Phenol	7.595	94	96368	46.918	ng	97
11) bis(2-Chloroethyl)ether	7.835	93	66711	43.288	ng	96
12) 1,3-Dichlorobenzene	8.323	146	73752	46.026	ng	98
13) 1,4-Dichlorobenzene	8.470	146	73173	45.343	ng	93
14) 1,2-Dichlorobenzene	8.799	146	72750	46.901	ng	98
15) Benzyl Alcohol	8.664	79	75933	42.234	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.952	45	89314m	43.167	ng	
17) 2-Methylphenol	8.864	107	62067	43.000	ng	97
18) Hexachloroethane	9.539	117	27244	53.295	ng	97
19) n-Nitroso-di-n-propyla...	9.234	70	60000	39.915	ng	98
20) 3+4-Methylphenols	9.193	107	82611	41.663	ng	92
22) Acetophenone	9.263	105	112677	43.404	ng	# 98
24) Nitrobenzene	9.657	77	92977	48.100	ng	96
25) Isophorone	10.174	82	161239	39.926	ng	99
26) 2-Nitrophenol	10.374	139	37709	55.191	ng	# 83
27) 2,4-Dimethylphenol	10.409	122	69267	44.364	ng	99
28) bis(2-Chloroethoxy)met...	10.650	93	86981	42.263	ng	97
29) 2,4-Dichlorophenol	10.908	162	73814	47.701	ng	98
30) 1,2,4-Trichlorobenzene	11.132	180	84009	45.574	ng	94
31) Naphthalene	11.325	128	211826	44.986	ng	99
32) Benzoic acid	10.544	122	49384m	49.074	ng	
33) 4-Chloroaniline	11.419	127	31295	14.547	ng	95
34) Hexachlorobutadiene	11.602	225	60603	46.005	ng	96
35) Caprolactam	12.189	113	20136m	40.457	ng	
36) 4-Chloro-3-methylphenol	12.506	107	74892	43.886	ng	97
37) 2-Methylnaphthalene	12.900	142	153597	41.313	ng	98
38) 1-Methylnaphthalene	13.117	142	140484	40.494	ng	99
40) 1,2,4,5-Tetrachloroben...	13.259	216	103899	49.920	ng	98
41) Hexachlorocyclopentadiene	13.235	237	50938	45.124	ng	100
43) 2,4,6-Trichlorophenol	13.482	196	66243	52.458	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.558	196	71791	47.435	ng	97
46) 1,1'-Biphenyl	13.881	154	202812	47.821	ng	98
47) 2-Chloronaphthalene	13.934	162	164042	48.878	ng	98
48) 2-Nitroaniline	14.116	65	55512	55.820	ng	# 83
49) Acenaphthylene	14.769	152	243680	44.685	ng	97
50) Dimethylphthalate	14.475	163	194542	42.033	ng	98
51) 2,6-Dinitrotoluene	14.598	165	40588	45.200	ng	# 81
52) Acenaphthene	15.103	154	167352	49.752	ng	97
53) 3-Nitroaniline	14.927	138	29075	32.363	ng	# 95
54) 2,4-Dinitrophenol	15.133	184	23302	43.580	ng	# 60
55) Dibenzofuran	15.432	168	249542	43.912	ng	100
56) 4-Nitrophenol	15.221	139	66241	96.234	ng	# 81
57) 2,4-Dinitrotoluene	15.385	165	54008	47.847	ng	# 86
58) Fluorene	16.079	166	201974	44.951	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.650	232	62122	46.834	ng	# 88
60) Diethylphthalate	15.820	149	186905	40.034	ng	99
61) 4-Chlorophenyl-phenyle...	16.061	204	111119	40.480	ng	99
62) 4-Nitroaniline	16.085	138	38161	40.757	ng	91
63) Azobenzene	16.349	77	203394	43.530	ng	98
65) 4,6-Dinitro-2-methylph...	16.143	198	16037	26.389	ng	70
66) n-Nitrosodiphenylamine	16.273	169	167072	48.800	ng	99
67) 4-Bromophenyl-phenylether	16.954	248	71126	47.074	ng	91
68) Hexachlorobenzene	17.083	284	77003	50.022	ng	99
69) Atrazine	17.201	200	66435	50.535	ng	99
70) Pentachlorophenol	17.418	266	94196	92.398	ng	95
71) Phenanthrene	17.818	178	560105	87.481	ng	99
72) Anthracene	17.912	178	340318	51.946	ng	99
73) Carbazole	18.170	167	271344	48.046	ng	99
74) Di-n-butylphthalate	18.693	149	271271	42.922	ng	99
75) Fluoranthene	19.804	202	917775	108.637	ng	99
77) Benzidine	19.962	184	41832	17.898	ng	# 94
78) Pyrene	20.168	202	834773	113.109	ng	98
80) Butylbenzylphthalate	21.020	149	106333	47.980	ng	95
81) Benzo(a)anthracene	22.072	228	588740	81.011	ng	97
82) 3,3'-Dichlorobenzidine	21.966	252	57774	24.503	ng	99
83) Chrysene	22.148	228	566123	83.328	ng	97
84) Bis(2-ethylhexyl)phtha...	21.931	149	152312	45.864	ng	98
85) Di-n-octyl phthalate	23.253	149	262435	47.545	ng	96
87) Indeno(1,2,3-cd)pyrene	29.751	276	342179	48.542	ng	# 95
88) Benzo(b)fluoranthene	24.516	252	550717	93.655	ng	96
89) Benzo(k)fluoranthene	24.586	252	504182m	87.190	ng	
90) Benzo(a)pyrene	25.479	252	460485	81.468	ng	99
91) Dibenzo(a,h)anthracene	29.816	278	208707	35.748	ng	98
92) Benzo(g,h,i)perylene	31.044	276	237423	41.619	ng	94

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

