

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
 Data File : BG053382.D
 Acq On : 29 Apr 2022 18:19
 Operator : CG/JU
 Sample : N2572-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-14SMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2022
 Supervised By : Jagrut Upadhyay 05/02/2022

Quant Time: May 02 01:03:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	21579	20.000	ng	-0.01
21) Naphthalene-d8	10.913	136	86656	20.000	ng	# 0.00
39) Acenaphthene-d10	14.726	164	75860	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	198378	20.000	ng	0.00
76) Chrysene-d12	21.757	240	200237	20.000	ng	0.00
86) Perylene-d12	25.053	264	159904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	173720	137.999	ng	0.00
7) Phenol-d6	7.265	99	250975	129.283	ng	0.00
23) Nitrobenzene-d5	9.262	82	199956	93.691	ng	-0.01
42) 2,4,6-Tribromophenol	16.218	330	179757	148.941	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	470474	85.518	ng	0.00
79) Terphenyl-d14	20.077	244	1082689	91.320	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.552	88	24445	40.662	ng	# 10
3) Pyridine	3.964	79	85092	53.667	ng	# 89
4) n-Nitrosodimethylamine	3.858	42	37247	47.438	ng	89
6) Aniline	7.430	93	38805	17.248	ng	96
8) 2-Chlorophenol	7.670	128	71978	52.963	ng	95
9) Benzaldehyde	7.236	77	22837m	19.680	ng	
10) Phenol	7.294	94	92228	47.729	ng	93
11) bis(2-Chloroethyl)ether	7.512	93	69299	49.750	ng	94
12) 1,3-Dichlorobenzene	7.994	146	74209	46.991	ng	95
13) 1,4-Dichlorobenzene	8.134	146	75765	47.059	ng	98
14) 1,2-Dichlorobenzene	8.458	146	72540	46.723	ng	99
15) Benzyl Alcohol	8.334	79	80153	46.452	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.628	45	110233	47.401	ng	99
17) 2-Methylphenol	8.546	107	70228	53.707	ng	97
18) Hexachloroethane	9.186	117	27583	45.687	ng	92
19) n-Nitroso-di-n-propyla...	8.904	70	71341	50.197	ng	# 95
20) 3+4-Methylphenols	8.869	107	98497	53.359	ng	96
22) Acetophenone	8.922	105	122436	50.928	ng	93
24) Nitrobenzene	9.309	77	106329	51.221	ng	91
25) Isophorone	9.826	82	201094	55.436	ng	97
26) 2-Nitrophenol	10.020	139	43180	49.744	ng	91
27) 2,4-Dimethylphenol	10.079	122	79810	64.197	ng	93
28) bis(2-Chloroethoxy)met...	10.308	93	102355	50.225	ng	98
29) 2,4-Dichlorophenol	10.561	162	87467	55.965	ng	96
30) 1,2,4-Trichlorobenzene	10.778	180	81981	46.347	ng	97
31) Naphthalene	10.966	128	228058	49.328	ng	99
32) Benzoic acid	10.243	122	45963m	56.142	ng	
33) 4-Chloroaniline	11.078	127	11189	5.651	ng	91
34) Hexachlorobutadiene	11.248	225	58106	44.222	ng	97
35) Caprolactam	11.841	113	26824m	48.692	ng	
36) 4-Chloro-3-methylphenol	12.194	107	109881	60.391	ng	92
37) 2-Methylnaphthalene	12.564	142	173406	50.689	ng	# 93
38) 1-Methylnaphthalene	12.781	142	171113	51.243	ng	97
40) 1,2,4,5-Tetrachloroben...	12.934	216	111411	43.241	ng	99
41) Hexachlorocyclopentadiene	12.910	237	111821	84.074	ng	95
43) 2,4,6-Trichlorophenol	13.169	196	86442	48.662	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	95591	50.498	ng	95
46) 1,1'-Biphenyl	13.562	154	256976	47.040	ng	97
47) 2-Chloronaphthalene	13.609	162	199169	45.697	ng	97
48) 2-Nitroaniline	13.803	65	86219	52.127	ng	92
49) Acenaphthylene	14.449	152	361404	52.970	ng	100
50) Dimethylphthalate	14.173	163	309945	51.082	ng	99
51) 2,6-Dinitrotoluene	14.297	165	69031	54.535	ng	89
52) Acenaphthene	14.790	154	270440m	58.450	ng	
53) 3-Nitroaniline	14.632	138	19130	14.292	ng	94
54) 2,4-Dinitrophenol	14.837	184	93685	116.320	ng	# 88
55) Dibenzofuran	15.125	168	353884	48.846	ng	98
56) 4-Nitrophenol	14.949	139	103307	101.201	ng	# 76
57) 2,4-Dinitrotoluene	15.084	165	101319	56.222	ng	87
58) Fluorene	15.771	166	299495	51.183	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.354	232	97177	52.862	ng	99
60) Diethylphthalate	15.530	149	321578	50.584	ng	99
61) 4-Chlorophenyl-phenyle...	15.759	204	162014	48.843	ng	96
62) 4-Nitroaniline	15.789	138	47321	33.504	ng	85
63) Azobenzene	16.053	77	311791	48.645	ng	98
65) 4,6-Dinitro-2-methylph...	15.853	198	65501	47.326	ng	99
66) n-Nitrosodiphenylamine	15.977	169	205095	35.952	ng	99
67) 4-Bromophenyl-phenylether	16.652	248	118902	46.777	ng	97
68) Hexachlorobenzene	16.787	284	133810	48.609	ng	95
69) Atrazine	16.917	200	18886	8.475	ng	95
70) Pentachlorophenol	17.128	266	159018	105.697	ng	90
71) Phenanthrene	17.516	178	532375	49.131	ng	98
72) Anthracene	17.610	178	542084	50.497	ng	98
73) Carbazole	17.874	167	325751	31.217	ng	100
74) Di-n-butylphthalate	18.421	149	569208	48.096	ng	98
75) Fluoranthene	19.525	202	691549	49.789	ng	99
78) Pyrene	19.883	202	703378	49.322	ng	97
80) Butylbenzylphthalate	20.759	149	259706	48.847	ng	98
81) Benzo(a)anthracene	21.740	228	686304	50.129	ng	98
82) 3,3'-Dichlorobenzidine	21.657	252	9532m	1.893	ng	
83) Chrysene	21.810	228	623359	49.060	ng	99
84) Bis(2-ethylhexyl)phtha...	21.628	149	360861	50.213	ng	99
85) Di-n-octyl phthalate	22.862	149	614597	51.134	ng	97
87) Indeno(1,2,3-cd)pyrene	28.836	276	714445	60.139	ng	# 96
88) Benzo(b)fluoranthene	24.007	252	717303	71.097	ng	98
89) Benzo(k)fluoranthene	24.078	252	659803	66.542	ng	99
90) Benzo(a)pyrene	24.900	252	622575	72.435	ng	99
91) Dibenzo(a,h)anthracene	28.889	278	652698	66.753	ng	98
92) Benzo(g,h,i)perylene	30.017	276	597580	62.006	ng	97

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

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