

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
 Data File : BG054806.D
 Acq On : 31 Aug 2022 14:37
 Operator : CG/JU
 Sample : N4423-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/01/2022
 Supervised By : Jagrut Upadhyay 09/01/2022

Quant Time: Sep 01 05:01:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	43053	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	176874	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	122262	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	287360	20.000	ng	0.00
76) Chrysene-d12	21.831	240	267827	20.000	ng	0.00
86) Perylene-d12	25.203	264	286092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	280560	113.478	ng	0.00
7) Phenol-d6	7.300	99	390254	115.419	ng	0.00
23) Nitrobenzene-d5	9.328	82	226285	67.162	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	196134	128.382	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	563648	69.291	ng	0.00
79) Terphenyl-d14	20.132	244	1028637	76.099	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	43273	36.654	ng	97
3) Pyridine	3.934	79	117234	35.602	ng	97
4) n-Nitrosodimethylamine	3.852	42	60103	42.223	ng	95
6) Aniline	7.471	93	177161	44.100	ng	98
8) 2-Chlorophenol	7.712	128	135512	50.167	ng	98
9) Benzaldehyde	7.283	77	75732	34.174	ng	97
10) Phenol	7.330	94	170279	48.970	ng	98
11) bis(2-Chloroethyl)ether	7.559	93	124916	44.668	ng	98
12) 1,3-Dichlorobenzene	8.041	146	142124	45.466	ng	98
13) 1,4-Dichlorobenzene	8.188	146	143427	45.488	ng	99
14) 1,2-Dichlorobenzene	8.505	146	140069	46.849	ng	98
15) Benzyl Alcohol	8.387	79	117653m	48.165	ng	
16) 2,2'-oxybis(1-Chloropr...	8.675	45	183883	42.022	ng	98
17) 2-Methylphenol	8.593	107	118157	49.354	ng	99
18) Hexachloroethane	9.239	117	50207	43.912	ng	98
19) n-Nitroso-di-n-propyla...	8.957	70	102327	44.009	ng	# 97
20) 3+4-Methylphenols	8.922	107	159651	48.090	ng	99
22) Acetophenone	8.981	105	195743	44.235	ng	# 98
24) Nitrobenzene	9.369	77	145412	42.819	ng	97
25) Isophorone	9.886	82	285628	45.466	ng	100
26) 2-Nitrophenol	10.080	139	75044	50.026	ng	97
27) 2,4-Dimethylphenol	10.132	122	126824	53.360	ng	98
28) bis(2-Chloroethoxy)met...	10.367	93	170705	47.686	ng	100
29) 2,4-Dichlorophenol	10.620	162	133637	49.433	ng	98
30) 1,2,4-Trichlorobenzene	10.838	180	134505	43.538	ng	97
31) Naphthalene	11.031	128	407661	42.958	ng	100
32) Benzoic acid	10.279	122	60073	37.450	ng	93
33) 4-Chloroaniline	11.131	127	142034	36.713	ng	98
34) Hexachlorobutadiene	11.302	225	87790	44.352	ng	99
35) Caprolactam	11.913	113	47953m	50.278	ng	
36) 4-Chloro-3-methylphenol	12.242	107	146049	49.403	ng	100
37) 2-Methylnaphthalene	12.624	142	292777	44.019	ng	99
38) 1-Methylnaphthalene	12.841	142	280729	43.382	ng	97
40) 1,2,4,5-Tetrachloroben...	12.988	216	162204	44.011	ng	100
41) Hexachlorocyclopentadiene	12.964	237	182189	93.213	ng	99
43) 2,4,6-Trichlorophenol	13.223	196	114539	46.822	ng	98

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44) 2,4,5-Trichlorophenol	13.299	196	125936	45.841	ng	99
46) 1,1'-Biphenyl	13.622	154	402574	44.340	ng	99
47) 2-Chloronaphthalene	13.669	162	296849	43.051	ng	99
48) 2-Nitroaniline	13.869	65	98455	45.561	ng	97
49) Acenaphthylene	14.516	152	496127	43.602	ng	100
50) Dimethylphthalate	14.234	163	415893	44.154	ng	99
51) 2,6-Dinitrotoluene	14.357	165	89231	46.315	ng	90
52) Acenaphthene	14.850	154	351070m	48.033	ng	
53) 3-Nitroaniline	14.692	138	83391	38.666	ng	95
54) 2,4-Dinitrophenol	14.897	184	95212	86.934	ng	96
55) Dibenzofuran	15.185	168	471519	43.903	ng	100
56) 4-Nitrophenol	14.991	139	160343	96.071	ng	96
57) 2,4-Dinitrotoluene	15.144	165	128630	48.269	ng	87
58) Fluorene	15.832	166	397317	43.914	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.409	232	110538	44.635	ng	99
60) Diethylphthalate	15.591	149	411809	43.783	ng	98
61) 4-Chlorophenyl-phenyle...	15.820	204	203602	45.616	ng	98
62) 4-Nitroaniline	15.855	138	100007	45.417	ng	96
63) Azobenzene	16.114	77	370014	41.394	ng	96
65) 4,6-Dinitro-2-methylph...	15.902	198	69028	47.191	ng	97
66) n-Nitrosodiphenylamine	16.031	169	359117	43.335	ng	99
67) 4-Bromophenyl-phenylether	16.713	248	144585	45.828	ng	98
68) Hexachlorobenzene	16.830	284	161410	45.510	ng	96
69) Atrazine	16.977	200	143716	49.158	ng	99
70) Pentachlorophenol	17.177	266	174058	90.323	ng	98
71) Phenanthrene	17.577	178	656495	42.886	ng	99
72) Anthracene	17.671	178	671517	45.120	ng	100
73) Carbazole	17.935	167	624841	45.568	ng	99
74) Di-n-butylphthalate	18.476	149	751251	43.296	ng	99
75) Fluoranthene	19.580	202	811624	43.584	ng	99
77) Benzidine	19.756	184	422238	63.650	ng	99
78) Pyrene	19.944	202	813531	43.562	ng	100
80) Butylbenzylphthalate	20.814	149	332147	42.639	ng	96
81) Benzo(a)anthracene	21.807	228	786774	43.326	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	253383	39.797	ng	99
83) Chrysene	21.878	228	739676	42.601	ng	99
84) Bis(2-ethylhexyl)phtha...	21.689	149	480857	42.845	ng	99
85) Di-n-octyl phthalate	22.953	149	809727	42.544	ng	95
87) Indeno(1,2,3-cd)pyrene	29.093	276	931854	42.905	ng	98
88) Benzo(b)fluoranthene	24.128	252	837818	46.683	ng	98
89) Benzo(k)fluoranthene	24.198	252	808798	44.780	ng	98
90) Benzo(a)pyrene	25.044	252	731584	47.713	ng	99
91) Dibenzo(a,h)anthracene	29.169	278	801722	45.309	ng	99
92) Benzo(g,h,i)perylene	30.315	276	806098	45.095	ng	98

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

