

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
 Data File : BG056663.D
 Acq On : 17 Feb 2023 19:50
 Operator : CG/JU
 Sample : 01572-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-277-281MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2023
 Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 18 00:07:04 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 16 01:33:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.435	152	16884	20.000	ng	0.00
21) Naphthalene-d8	11.273	136	62528	20.000	ng	# 0.00
39) Acenaphthene-d10	15.039	164	48175	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	126257	20.000	ng	0.00
76) Chrysene-d12	22.090	240	122786	20.000	ng	-0.01
86) Perylene-d12	25.632	264	118092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.944	112	150115	144.662	ng	0.00
7) Phenol-d6	7.559	99	200233	130.629	ng	0.00
23) Nitrobenzene-d5	9.610	82	118334	96.898	ng	0.00
42) 2,4,6-Tribromophenol	16.514	330	100710	152.689	ng	0.00
45) 2-Fluorobiphenyl	13.670	172	333692	92.752	ng	0.00
79) Terphenyl-d14	20.344	244	735031	97.943	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.770	88	20363	44.760	ng	# 54
3) Pyridine	4.193	79	60300	41.904	ng	97
4) n-Nitrosodimethylamine	4.087	42	32843	48.964	ng	91
6) Aniline	7.747	93	36042	16.919	ng	93
8) 2-Chlorophenol	7.988	128	51496	50.156	ng	97
9) Benzaldehyde	7.554	77	16567	20.437	ng	87
10) Phenol	7.583	94	71534	45.622	ng	97
11) bis(2-Chloroethyl)ether	7.836	93	53781	45.714	ng	99
12) 1,3-Dichlorobenzene	8.329	146	54844	44.834	ng	90
13) 1,4-Dichlorobenzene	8.470	146	55298	44.887	ng	93
14) 1,2-Dichlorobenzene	8.799	146	53478	45.162	ng	97
15) Benzyl Alcohol	8.664	79	63599	46.338	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.952	45	71409	45.211	ng	99
17) 2-Methylphenol	8.858	107	49651	45.060	ng	96
18) Hexachloroethane	9.540	117	17592	45.080	ng	99
19) n-Nitroso-di-n-propyla...	9.240	70	51309	44.713	ng	97
20) 3+4-Methylphenols	9.187	107	67374	44.510	ng	90
22) Acetophenone	9.263	105	92947	48.650	ng	# 99
24) Nitrobenzene	9.651	77	67096	47.216	ng	97
25) Isophorone	10.174	82	140359	47.225	ng	97
26) 2-Nitrophenol	10.368	139	24104	47.935	ng	# 86
27) 2,4-Dimethylphenol	10.409	122	58657	51.047	ng	97
28) bis(2-Chloroethoxy)met...	10.650	93	73654	48.627	ng	97
29) 2,4-Dichlorophenol	10.903	162	60492	53.116	ng	99
30) 1,2,4-Trichlorobenzene	11.126	180	64460	47.514	ng	93
31) Naphthalene	11.326	128	163664	47.227	ng	99
32) Benzoic acid	10.527	122	32488m	43.867	ng	
33) 4-Chloroaniline	11.420	127	3304	2.087	ng	# 85
34) Hexachlorobutadiene	11.602	225	45334	46.760	ng	97
35) Caprolactam	12.178	113	16446m	44.898	ng	
36) 4-Chloro-3-methylphenol	12.501	107	65262	51.964	ng	99
37) 2-Methylnaphthalene	12.894	142	124204	45.392	ng	99
38) 1-Methylnaphthalene	13.112	142	116519	45.636	ng	96
40) 1,2,4,5-Tetrachloroben...	13.253	216	88801	49.585	ng	99
41) Hexachlorocyclopentadiene	13.235	237	101582	104.579	ng	96
43) 2,4,6-Trichlorophenol	13.482	196	57688	53.092	ng	95

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44) 2,4,5-Trichlorophenol	13.552	196	63738	48.944	ng	98
46) 1,1'-Biphenyl	13.881	154	180587	49.485	ng	96
47) 2-Chloronaphthalene	13.928	162	144827	50.150	ng	99
48) 2-Nitroaniline	14.117	65	33787	41.019	ng	94
49) Acenaphthylene	14.769	152	227322	48.445	ng	99
50) Dimethylphthalate	14.475	163	199389	50.067	ng	100
51) 2,6-Dinitrotoluene	14.598	165	35750	46.206	ng	90
52) Acenaphthene	15.104	154	153479	53.026	ng	98
53) 3-Nitroaniline	14.927	138	9159	11.848	ng	88
54) 2,4-Dinitrophenol	15.127	184	50228	109.171	ng	# 52
55) Dibenzofuran	15.433	168	240626	49.209	ng	98
56) 4-Nitrophenol	15.209	139	61164	103.268	ng	99
57) 2,4-Dinitrotoluene	15.380	165	51704	53.234	ng	# 92
58) Fluorene	16.079	166	190221	49.200	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.644	232	59928m	52.506	ng	
60) Diethylphthalate	15.826	149	192842	48.004	ng	99
61) 4-Chlorophenyl-phenyle...	16.061	204	115058	48.712	ng	99
62) 4-Nitroaniline	16.085	138	30404	37.738	ng	98
63) Azobenzene	16.355	77	193307	48.080	ng	98
65) 4,6-Dinitro-2-methylph...	16.138	198	30405	46.634	ng	95
66) n-Nitrosodiphenylamine	16.273	169	147849	40.253	ng	98
67) 4-Bromophenyl-phenylether	16.954	248	77960	48.093	ng	95
68) Hexachlorobenzene	17.078	284	84901	51.408	ng	98
69) Atrazine	17.201	200	27090	19.207	ng	98
70) Pentachlorophenol	17.413	266	101398	92.709	ng	95
71) Phenanthrene	17.818	178	333024	48.482	ng	98
72) Anthracene	17.906	178	339372	48.284	ng	99
73) Carbazole	18.165	167	240213	39.646	ng	97
74) Di-n-butylphthalate	18.699	149	331774	48.931	ng	99
75) Fluoranthene	19.798	202	434039	47.889	ng	100
78) Pyrene	20.162	202	441883	47.652	ng	99
80) Butylbenzylphthalate	21.026	149	134028	48.132	ng	97
81) Benzo(a)anthracene	22.066	228	450023	49.284	ng	97
83) Chrysene	22.142	228	419120	49.098	ng	98
84) Bis(2-ethylhexyl)phtha...	21.943	149	200423	48.032	ng	98
85) Di-n-octyl phthalate	23.265	149	333859	48.139	ng	100
87) Indeno(1,2,3-cd)pyrene	29.728	276	528867	57.183	ng	# 99
88) Benzo(b)fluoranthene	24.504	252	474487	61.501	ng	99
89) Benzo(k)fluoranthene	24.581	252	447876	59.034	ng	96
90) Benzo(a)pyrene	25.468	252	390423	52.647	ng	99
91) Dibenzo(a,h)anthracene	29.810	278	452087	59.020	ng	98
92) Benzo(g,h,i)perylene	31.014	276	408395	54.564	ng	97

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

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