

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057927.D
 Acq On : 30 Jun 2023 20:28
 Operator : CG/JU
 Sample : 03358-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 01 02:19:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	39809	20.000	ng	-0.02
21) Naphthalene-d8	10.713	136	173326	20.000	ng	-0.01
39) Acenaphthene-d10	14.550	164	132373	20.000	ng	0.00
64) Phenanthrene-d10	17.294	188	323063	20.000	ng	0.00
76) Chrysene-d12	21.548	240	265603	20.000	ng	0.00
86) Perylene-d12	24.685	264	328371	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	277092	106.496	ng	0.00
7) Phenol-d6	7.082	99	400829	103.021	ng	0.00
23) Nitrobenzene-d5	9.074	82	228646	64.649	ng	-0.01
42) 2,4,6-Tribromophenol	16.037	330	210641	94.741	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	557129	64.228	ng	-0.01
79) Terphenyl-d14	19.909	244	1032719	70.885	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	47403	39.748	ng	97
3) Pyridine	3.774	79	120144	34.911	ng	99
4) n-Nitrosodimethylamine	3.692	42	58828	41.472	ng	# 90
6) Aniline	7.235	93	96473	19.848	ng	98
8) 2-Chlorophenol	7.476	128	124835	47.793	ng	97
9) Benzaldehyde	7.047	77	67763m	33.127	ng	
10) Phenol	7.106	94	179550	47.489	ng	99
11) bis(2-Chloroethyl)ether	7.335	93	118570	41.597	ng	96
12) 1,3-Dichlorobenzene	7.799	146	125123	46.572	ng	99
13) 1,4-Dichlorobenzene	7.946	146	125615	46.549	ng	98
14) 1,2-Dichlorobenzene	8.263	146	119959	45.934	ng	97
15) Benzyl Alcohol	8.152	79	122318	42.670	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.434	45	194050	40.884	ng	99
17) 2-Methylphenol	8.357	107	121908	43.492	ng	97
18) Hexachloroethane	8.992	117	43046	45.777	ng	98
19) n-Nitroso-di-n-propyla...	8.716	70	101781	39.094	ng	95
20) 3+4-Methylphenols	8.686	107	172035	44.052	ng	99
22) Acetophenone	8.733	105	203341	42.154	ng	99
24) Nitrobenzene	9.115	77	147832	41.644	ng	96
25) Isophorone	9.638	82	297594	38.972	ng	99
26) 2-Nitrophenol	9.826	139	66690	46.103	ng	97
27) 2,4-Dimethylphenol	9.885	122	129317	46.367	ng	98
28) bis(2-Chloroethoxy)met...	10.120	93	173510	42.282	ng	99
29) 2,4-Dichlorophenol	10.361	162	130859	47.844	ng	99
30) 1,2,4-Trichlorobenzene	10.578	180	130302	44.251	ng	99
31) Naphthalene	10.766	128	390441	42.200	ng	98
32) Benzoic acid	10.026	122	107943	49.484	ng	99
33) 4-Chloroaniline	10.872	127	61846	14.207	ng	98
34) Hexachlorobutadiene	11.048	225	79001	43.499	ng	99
35) Caprolactam	11.653	113	51513m	43.457	ng	
36) 4-Chloro-3-methylphenol	12.000	107	165413	45.553	ng	99
37) 2-Methylnaphthalene	12.376	142	281322	41.248	ng	98
38) 1-Methylnaphthalene	12.594	142	266870	41.410	ng	100
40) 1,2,4,5-Tetrachloroben...	12.740	216	158958	42.922	ng	98
41) Hexachlorocyclopentadiene	12.723	237	157480	79.101	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	123692	45.310	ng	99

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44) 2,4,5-Trichlorophenol	13.058	196	138545	42.641	ng	96
46) 1,1'-Biphenyl	13.387	154	384784	42.676	ng	99
47) 2-Chloronaphthalene	13.428	162	299087	43.194	ng	98
48) 2-Nitroaniline	13.628	65	118478	42.943	ng	94
49) Acenaphthylene	14.274	152	507863	41.823	ng	100
50) Dimethylphthalate	14.004	163	417176	39.762	ng	98
51) 2,6-Dinitrotoluene	14.127	165	93168	42.769	ng	98
52) Acenaphthene	14.615	154	297168	41.891	ng	98
53) 3-Nitroaniline	14.456	138	47858	19.325	ng	94
54) 2,4-Dinitrophenol	14.662	184	87163	72.425	ng	93
55) Dibenzofuran	14.950	168	506180	41.601	ng	99
56) 4-Nitrophenol	14.767	139	165099	81.316	ng	99
57) 2,4-Dinitrotoluene	14.914	165	136097	43.056	ng	# 95
58) Fluorene	15.596	166	408051	41.550	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.173	232	127448	43.270	ng	99
60) Diethylphthalate	15.367	149	436569	39.475	ng	99
61) 4-Chlorophenyl-phenyle...	15.590	204	217685	41.326	ng	99
62) 4-Nitroaniline	15.619	138	97675	37.601	ng	99
63) Azobenzene	15.884	77	490715	46.399	ng	98
65) 4,6-Dinitro-2-methylph...	15.672	198	71547	41.154	ng	99
66) n-Nitrosodiphenylamine	15.802	169	361746	43.876	ng	99
67) 4-Bromophenyl-phenylether	16.483	248	151720	44.489	ng	96
68) Hexachlorobenzene	16.601	284	166155	46.139	ng	97
69) Atrazine	16.753	200	150872	49.274	ng	98
70) Pentachlorophenol	16.947	266	200571	72.829	ng	98
71) Phenanthrene	17.335	178	664821	42.869	ng	100
72) Anthracene	17.429	178	679550	42.487	ng	99
73) Carbazole	17.699	167	633298	41.643	ng	99
74) Di-n-butylphthalate	18.258	149	765000	40.700	ng	100
75) Fluoranthene	19.350	202	767159	39.267	ng	99
77) Benzidine	19.527	184	254219	40.797	ng	100
78) Pyrene	19.709	202	787381	41.518	ng	98
80) Butylbenzylphthalate	20.596	149	328202	42.677	ng	98
81) Benzo(a)anthracene	21.524	228	770189	41.902	ng	100
82) 3,3'-Dichlorobenzidine	21.448	252	152219	23.274	ng	100
83) Chrysene	21.595	228	712320	40.942	ng	99
84) Bis(2-ethylhexyl)phtha...	21.436	149	460297	42.157	ng	98
85) Di-n-octyl phthalate	22.617	149	826871	42.915	ng	97
87) Indeno(1,2,3-cd)pyrene	28.275	276	967158	44.461	ng	99
88) Benzo(b)fluoranthene	23.692	252	813557	45.425	ng	99
89) Benzo(k)fluoranthene	23.757	252	771932	42.645	ng	99
90) Benzo(a)pyrene	24.544	252	718648	40.507	ng	99
91) Dibenzo(a,h)anthracene	28.340	278	801982	44.444	ng	99
92) Benzo(g,h,i)perylene	29.397	276	794787	44.319	ng	99

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

