

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
 Data File : BG057912.D
 Acq On : 29 Jun 2023 20:14
 Operator : CG/JU
 Sample : 03429-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-COMP-0627MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jun 30 03:43:59 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	7.915	152	45474	20.000	ng	-0.01
21) Naphthalene-d8	10.718	136	196641	20.000	ng	-0.01
39) Acenaphthene-d10	14.549	164	140672	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	330358	20.000	ng	-0.01
76) Chrysene-d12	21.552	240	268295	20.000	ng	0.00
86) Perylene-d12	24.695	264	343478	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.489	112	368013	123.820	ng	0.00
7) Phenol-d6	7.087	99	512572	115.329	ng	0.00
23) Nitrobenzene-d5	9.078	82	295172	73.564	ng	-0.01
42) 2,4,6-Tribromophenol	16.041	330	242698	102.720	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	640853	69.521	ng	-0.01
79) Terphenyl-d14	19.907	244	1038346	70.557	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.385	88	52259	38.361	ng	99
3) Pyridine	3.779	79	138821	35.313	ng	98
4) n-Nitrosodimethylamine	3.697	42	71420	44.076	ng	94
6) Aniline	7.239	93	188206	33.898	ng	99
8) 2-Chlorophenol	7.480	128	159222	53.365	ng	98
9) Benzaldehyde	7.051	77	121639	56.896	ng	93
10) Phenol	7.110	94	223395	51.725	ng	96
11) bis(2-Chloroethyl)ether	7.333	93	146319	44.937	ng	98
12) 1,3-Dichlorobenzene	7.804	146	154185	50.240	ng	98
13) 1,4-Dichlorobenzene	7.945	146	154757	50.204	ng	98
14) 1,2-Dichlorobenzene	8.268	146	151033	50.628	ng	98
15) Benzyl Alcohol	8.150	79	150096	45.838	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.438	45	234121	43.181	ng	99
17) 2-Methylphenol	8.362	107	152119	47.510	ng	99
18) Hexachloroethane	8.996	117	54540	50.775	ng	98
19) n-Nitroso-di-n-propyla...	8.720	70	119260	40.101	ng	98
20) 3+4-Methylphenols	8.685	107	211089	47.319	ng	98
22) Acetophenone	8.738	105	237787	43.450	ng	99
24) Nitrobenzene	9.120	77	180805	44.893	ng	96
25) Isophorone	9.637	82	348713	40.252	ng	98
26) 2-Nitrophenol	9.831	139	83449	50.849	ng	94
27) 2,4-Dimethylphenol	9.889	122	160236	50.641	ng	98
28) bis(2-Chloroethoxy)met...	10.124	93	204031	43.825	ng	99
29) 2,4-Dichlorophenol	10.365	162	161552	52.062	ng	96
30) 1,2,4-Trichlorobenzene	10.577	180	162942	48.775	ng	97
31) Naphthalene	10.765	128	477909	45.530	ng	99
32) Benzoic acid	10.030	122	117275	47.388	ng	98
33) 4-Chloroaniline	10.876	127	147704	29.908	ng	97
34) Hexachlorobutadiene	11.047	225	97579	47.358	ng	97
35) Caprolactam	11.664	113	54923m	40.840	ng	
36) 4-Chloro-3-methylphenol	12.004	107	200693	48.715	ng	99
37) 2-Methylnaphthalene	12.375	142	334507	43.231	ng	99
38) 1-Methylnaphthalene	12.598	142	317600	43.439	ng	98
40) 1,2,4,5-Tetrachloroben...	12.745	216	186006	47.262	ng	99
41) Hexachlorocyclopentadiene	12.721	237	173313	81.918	ng	97
43) 2,4,6-Trichlorophenol	12.986	196	148960	51.347	ng	100

06/30/2023
 Supervised By :mohammad
 Ahmed

07/07/2023

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44) 2,4,5-Trichlorophenol	13.062	196	168690	48.856	ng	98
46) 1,1'-Biphenyl	13.385	154	438088	45.722	ng	100
47) 2-Chloronaphthalene	13.426	162	353650	48.061	ng	98
48) 2-Nitroaniline	13.632	65	138145	47.117	ng	95
49) Acenaphthylene	14.272	152	584117	45.264	ng	99
50) Dimethylphthalate	14.008	163	453626	40.686	ng	99
51) 2,6-Dinitrotoluene	14.126	165	107165	46.292	ng	98
52) Acenaphthene	14.619	154	342869	45.482	ng	100
53) 3-Nitroaniline	14.455	138	96256	36.575	ng	98
54) 2,4-Dinitrophenol	14.660	184	75104	58.723	ng	97
55) Dibenzofuran	14.948	168	572190	44.251	ng	98
56) 4-Nitrophenol	14.772	139	200158	92.767	ng	98
57) 2,4-Dinitrotoluene	14.913	165	150083	44.680	ng	96
58) Fluorene	15.600	166	453688	43.472	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.177	232	143713	45.914	ng	99
60) Diethylphthalate	15.371	149	470323	40.018	ng	99
61) 4-Chlorophenyl-phenyle...	15.589	204	239730	42.826	ng	99
62) 4-Nitroaniline	15.624	138	108591	39.337	ng	98
63) Azobenzene	15.882	77	507771	45.180	ng	99
65) 4,6-Dinitro-2-methylph...	15.677	198	66616	37.472	ng	97
66) n-Nitrosodiphenylamine	15.806	169	402974	47.798	ng	98
67) 4-Bromophenyl-phenylether	16.487	248	164309	47.117	ng	97
68) Hexachlorobenzene	16.599	284	184938	50.221	ng	97
69) Atrazine	16.758	200	160789	51.354	ng	97
70) Pentachlorophenol	16.946	266	232483	82.553	ng	98
71) Phenanthrene	17.339	178	743237	46.867	ng	99
72) Anthracene	17.428	178	751500	45.948	ng	98
73) Carbazole	17.698	167	693619	44.602	ng	99
74) Di-n-butylphthalate	18.256	149	821777	42.755	ng	99
75) Fluoranthene	19.349	202	896095	44.854	ng	98
77) Benzidine	19.531	184	435664	69.214	ng	99
78) Pyrene	19.713	202	911823	47.597	ng	100
80) Butylbenzylphthalate	20.600	149	365780	47.086	ng	99
81) Benzo(a)anthracene	21.529	228	887036	47.775	ng	100
82) 3,3'-Dichlorobenzidine	21.446	252	263712	39.917	ng	97
83) Chrysene	21.593	228	821150	46.724	ng	100
84) Bis(2-ethylhexyl)phtha...	21.440	149	521706	47.302	ng	99
85) Di-n-octyl phthalate	22.621	149	917184	47.125	ng	98
87) Indeno(1,2,3-cd)pyrene	28.285	276	1106642	48.635	ng	# 94
88) Benzo(b)fluoranthene	23.697	252	956326	51.048	ng	98
89) Benzo(k)fluoranthene	23.761	252	883947	46.686	ng	99
90) Benzo(a)pyrene	24.549	252	832451	44.858	ng	98
91) Dibenzo(a,h)anthracene	28.344	278	893546	47.340	ng	99
92) Benzo(g,h,i)perylene	29.413	276	914002	48.725	ng	99

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

