

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
 Data File : BG057913.D
 Acq On : 29 Jun 2023 20:57
 Operator : CG/JU
 Sample : 03429-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-COMP-0627MSD

Quant Time: Jun 30 03:44:47 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 07/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	47530	20.000	ng	-0.02
21) Naphthalene-d8	10.714	136	204779	20.000	ng	-0.01
39) Acenaphthene-d10	14.550	164	146245	20.000	ng	0.00
64) Phenanthrene-d10	17.294	188	343723	20.000	ng	0.00
76) Chrysene-d12	21.548	240	283308	20.000	ng	0.00
86) Perylene-d12	24.691	264	357297	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	374906	120.683	ng	0.00
7) Phenol-d6	7.083	99	526626	113.365	ng	0.00
23) Nitrobenzene-d5	9.074	82	303816	72.709	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	247303	100.680	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	655985	68.451	ng	0.00
79) Terphenyl-d14	19.909	244	1066721	68.644	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	53594	37.639	ng	96
3) Pyridine	3.781	79	138797	33.779	ng	93
4) n-Nitrosodimethylamine	3.698	42	72565	42.846	ng	96
6) Aniline	7.235	93	189208	32.604	ng	97
8) 2-Chlorophenol	7.476	128	160470	51.456	ng	98
9) Benzaldehyde	7.047	77	123956	55.260	ng	97
10) Phenol	7.112	94	226630	50.204	ng	98
11) bis(2-Chloroethyl)ether	7.335	93	148771	43.714	ng	98
12) 1,3-Dichlorobenzene	7.799	146	156074	48.656	ng	99
13) 1,4-Dichlorobenzene	7.946	146	157872	48.999	ng	95
14) 1,2-Dichlorobenzene	8.264	146	154472	49.541	ng	98
15) Benzyl Alcohol	8.152	79	152587	44.583	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.446	45	241643	42.641	ng	98
17) 2-Methylphenol	8.358	107	154510	46.169	ng	97
18) Hexachloroethane	8.998	117	56009	49.887	ng	99
19) n-Nitroso-di-n-propyla...	8.716	70	122219	39.319	ng	96
20) 3+4-Methylphenols	8.687	107	215127	46.138	ng	98
22) Acetophenone	8.734	105	243569	42.738	ng	# 99
24) Nitrobenzene	9.115	77	181720	43.327	ng	97
25) Isophorone	9.638	82	356354	39.499	ng	98
26) 2-Nitrophenol	9.826	139	86289	50.490	ng	95
27) 2,4-Dimethylphenol	9.891	122	162102	49.195	ng	97
28) bis(2-Chloroethoxy)met...	10.120	93	206857	42.666	ng	99
29) 2,4-Dichlorophenol	10.367	162	166249	51.447	ng	98
30) 1,2,4-Trichlorobenzene	10.578	180	165548	47.586	ng	98
31) Naphthalene	10.766	128	488351	44.675	ng	98
32) Benzoic acid	10.038	122	116529	45.215	ng	92
33) 4-Chloroaniline	10.872	127	151859	29.527	ng	97
34) Hexachlorobutadiene	11.048	225	98626	45.964	ng	98
35) Caprolactam	11.665	113	57000m	40.700	ng	
36) 4-Chloro-3-methylphenol	12.006	107	204912	47.763	ng	99
37) 2-Methylnaphthalene	12.376	142	343506	42.630	ng	98
38) 1-Methylnaphthalene	12.594	142	326205	42.842	ng	99
40) 1,2,4,5-Tetrachloroben...	12.741	216	190476	46.554	ng	99
41) Hexachlorocyclopentadiene	12.723	237	177367	80.639	ng	99
43) 2,4,6-Trichlorophenol	12.982	196	151233	50.144	ng	98

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44) 2,4,5-Trichlorophenol	13.058	196	169018	47.085	ng	100
46) 1,1'-Biphenyl	13.387	154	449611	45.136	ng	98
47) 2-Chloronaphthalene	13.428	162	362787	47.424	ng	99
48) 2-Nitroaniline	13.634	65	140245	46.011	ng	90
49) Acenaphthylene	14.274	152	598763	44.631	ng	99
50) Dimethylphthalate	14.010	163	466777	40.270	ng	99
51) 2,6-Dinitrotoluene	14.127	165	107955	44.856	ng	99
52) Acenaphthene	14.615	154	346842	44.256	ng	98
53) 3-Nitroaniline	14.456	138	98725	36.084	ng	98
54) 2,4-Dinitrophenol	14.662	184	77001	57.912	ng	97
55) Dibenzofuran	14.950	168	583041	43.372	ng	99
56) 4-Nitrophenol	14.774	139	202247	90.163	ng	99
57) 2,4-Dinitrotoluene	14.915	165	153661	44.002	ng	95
58) Fluorene	15.596	166	464199	42.784	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.173	232	148062	45.501	ng	99
60) Diethylphthalate	15.373	149	481562	39.413	ng	100
61) 4-Chlorophenyl-phenyle...	15.590	204	248597	42.718	ng	99
62) 4-Nitroaniline	15.625	138	110987	38.672	ng	97
63) Azobenzene	15.884	77	519738	44.482	ng	99
65) 4,6-Dinitro-2-methylph...	15.672	198	69579	37.617	ng	97
66) n-Nitrosodiphenylamine	15.808	169	414248	47.224	ng	99
67) 4-Bromophenyl-phenylether	16.483	248	169032	46.587	ng	98
68) Hexachlorobenzene	16.601	284	185607	48.443	ng	97
69) Atrazine	16.754	200	165297	50.741	ng	97
70) Pentachlorophenol	16.947	266	238584	81.425	ng	99
71) Phenanthrene	17.335	178	761551	46.155	ng	99
72) Anthracene	17.429	178	766812	45.061	ng	99
73) Carbazole	17.700	167	708629	43.796	ng	100
74) Di-n-butylphthalate	18.258	149	839371	41.972	ng	100
75) Fluoranthene	19.351	202	911500	43.851	ng	99
77) Benzidine	19.533	184	468604	70.502	ng	99
78) Pyrene	19.709	202	926596	45.805	ng	100
80) Butylbenzylphthalate	20.596	149	370846	45.209	ng	97
81) Benzo(a)anthracene	21.530	228	902166	46.015	ng	99
82) 3,3'-Dichlorobenzidine	21.448	252	276055	39.571	ng	99
83) Chrysene	21.595	228	840900	45.312	ng	100
84) Bis(2-ethylhexyl)phtha...	21.436	149	534228	45.870	ng	99
85) Di-n-octyl phthalate	22.623	149	948585	46.155	ng	98
87) Indeno(1,2,3-cd)pyrene	28.287	276	1140091	48.167	ng	# 94
88) Benzo(b)fluoranthene	23.698	252	961351	49.331	ng	99
89) Benzo(k)fluoranthene	23.763	252	927905	47.112	ng	99
90) Benzo(a)pyrene	24.550	252	858428	44.468	ng	99
91) Dibenzo(a,h)anthracene	28.352	278	920870	46.901	ng	99
92) Benzo(g,h,i)perylene	29.415	276	945212	48.440	ng	98

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

