

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057728.D
 Acq On : 15 Jun 2023 17:27
 Operator : CG/JU
 Sample : 03157-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-622-COMP-01MSD

Quant Time: Jun 16 01:09:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	35353	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	145254	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	96296	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	221444	20.000	ng	0.00
76) Chrysene-d12	21.573	240	186857	20.000	ng	0.00
86) Perylene-d12	24.728	264	230643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	380351	175.183	ng	0.00
7) Phenol-d6	7.101	99	502915	150.779	ng	0.00
23) Nitrobenzene-d5	9.099	82	317982	127.209	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	217723	202.659	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	700106	108.372	ng	0.00
79) Terphenyl-d14	19.933	244	1156539	114.434	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	42635	38.571	ng	# 54
3) Pyridine	3.829	79	109094	34.865	ng	89
4) n-Nitrosodimethylamine	3.735	42	64373	42.180	ng	# 80
6) Aniline	7.266	93	142890	32.652	ng	100
8) 2-Chlorophenol	7.501	128	120467	57.870	ng	94
9) Benzaldehyde	7.078	77	66194m	32.197	ng	
10) Phenol	7.125	94	160379	49.208	ng	99
11) bis(2-Chloroethyl)ether	7.360	93	118804	46.507	ng	94
12) 1,3-Dichlorobenzene	7.824	146	111561	46.329	ng	98
13) 1,4-Dichlorobenzene	7.971	146	113622	47.591	ng	95
14) 1,2-Dichlorobenzene	8.288	146	110244	47.524	ng	99
15) Benzyl Alcohol	8.171	79	129162	50.562	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.470	45	234652m	42.186	ng	
17) 2-Methylphenol	8.376	107	115938	48.340	ng	96
18) Hexachloroethane	9.023	117	39025	52.893	ng	100
19) n-Nitroso-di-n-propyla...	8.741	70	104943	43.513	ng	97
20) 3+4-Methylphenols	8.699	107	159311	48.581	ng	97
22) Acetophenone	8.758	105	203113	48.133	ng	96
24) Nitrobenzene	9.140	77	143631	54.126	ng	99
25) Isophorone	9.663	82	307211	45.631	ng	99
26) 2-Nitrophenol	9.851	139	55951	68.470	ng	91
27) 2,4-Dimethylphenol	9.904	122	123078	54.747	ng	99
28) bis(2-Chloroethoxy)met...	10.145	93	172817	49.378	ng	99
29) 2,4-Dichlorophenol	10.380	162	121790	63.863	ng	97
30) 1,2,4-Trichlorobenzene	10.603	180	121571	49.047	ng	98
31) Naphthalene	10.791	128	362255	46.404	ng	98
32) Benzoic acid	10.027	122	64125	72.992	ng	99
33) 4-Chloroaniline	10.897	127	54046	14.870	ng	96
34) Hexachlorobutadiene	11.073	225	73233	46.983	ng	100
35) Caprolactam	11.667	113	40227m	51.134	ng	
36) 4-Chloro-3-methylphenol	12.013	107	147843	54.722	ng	97
37) 2-Methylnaphthalene	12.395	142	257865	44.648	ng	98
38) 1-Methylnaphthalene	12.618	142	242577	44.771	ng	97
40) 1,2,4,5-Tetrachloroben...	12.765	216	142166	52.154	ng	99
41) Hexachlorocyclopentadiene	12.742	237	159682	153.586	ng	96
43) 2,4,6-Trichlorophenol	13.000	196	104949	58.690	ng	95

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44) 2,4,5-Trichlorophenol	13.071	196	117298	55.655	ng	97
46) 1,1'-Biphenyl	13.406	154	351426	52.820	ng	99
47) 2-Chloronaphthalene	13.447	162	268442	53.382	ng	98
48) 2-Nitroaniline	13.647	65	101179	65.246	ng	95
49) Acenaphthylene	14.293	152	442016	50.685	ng	98
50) Dimethylphthalate	14.028	163	367632	52.068	ng	100
51) 2,6-Dinitrotoluene	14.140	165	76962	65.874	ng	86
52) Acenaphthene	14.634	154	289988m	55.474	ng	
53) 3-Nitroaniline	14.469	138	47295	40.931	ng	# 91
54) 2,4-Dinitrophenol	14.675	184	53767	105.270	ng	98
55) Dibenzofuran	14.969	168	432706	49.313	ng	99
56) 4-Nitrophenol	14.775	139	127200	104.847	ng	91
57) 2,4-Dinitrotoluene	14.927	165	105054	68.339	ng	# 93
58) Fluorene	15.615	166	341576	48.867	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	102103	58.024	ng	99
60) Diethylphthalate	15.392	149	373014	51.179	ng	99
61) 4-Chlorophenyl-phenyle...	15.609	204	182370	48.700	ng	99
62) 4-Nitroaniline	15.638	138	77284	56.769	ng	91
63) Azobenzene	15.903	77	375982	47.977	ng	99
65) 4,6-Dinitro-2-methylph...	15.691	198	47746	74.228	ng	87
66) n-Nitrosodiphenylamine	15.826	169	304377	52.581	ng	99
67) 4-Bromophenyl-phenylether	16.502	248	123278	54.673	ng	98
68) Hexachlorobenzene	16.614	284	132318	56.152	ng	99
69) Atrazine	16.772	200	125688	65.260	ng	98
70) Pentachlorophenol	16.960	266	159993	113.093	ng	97
71) Phenanthrene	17.354	178	557672	51.608	ng	99
72) Anthracene	17.448	178	563419	51.469	ng	100
73) Carbazole	17.712	167	542105	53.473	ng	99
74) Di-n-butylphthalate	18.282	149	650634	57.901	ng	99
75) Fluoranthene	19.363	202	669307	51.416	ng	99
77) Benzidine	19.546	184	105670	23.722	ng	98
78) Pyrene	19.728	202	689076	51.829	ng	100
80) Butylbenzylphthalate	20.621	149	288463	58.621	ng	97
81) Benzo(a)anthracene	21.549	228	680486	52.733	ng	99
82) 3,3'-Dichlorobenzidine	21.467	252	161965	38.534	ng	99
83) Chrysene	21.614	228	633124	51.554	ng	98
84) Bis(2-ethylhexyl)phtha...	21.473	149	409156	62.467	ng	99
85) Di-n-octyl phthalate	22.665	149	746970	66.137	ng	96
87) Indeno(1,2,3-cd)pyrene	28.329	276	842418	56.449	ng	99
88) Benzo(b)fluoranthene	23.729	252	732480	58.541	ng	100
89) Benzo(k)fluoranthene	23.799	252	692733	53.382	ng	98
90) Benzo(a)pyrene	24.581	252	639369	51.972	ng	98
91) Dibenzo(a,h)anthracene	28.406	278	698354	56.628	ng	98
92) Benzo(g,h,i)perylene	29.463	276	688133	55.905	ng	99

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

