

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
 Data File : BG055379.D
 Acq On : 31 Oct 2022 14:14
 Operator : CG/JU
 Sample : PB148568BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148568BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

11/01/2022
 Supervised By :mohammad
 ahmed

Quant Time: Nov 01 06:49:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.262	152	24557	20.000	ng	0.00
21) Naphthalene-d8	11.094	136	112131	20.000	ng	# 0.00
39) Acenaphthene-d10	14.877	164	81987	20.000	ng	0.00
64) Phenanthrene-d10	17.610	188	192653	20.000	ng	# 0.00
76) Chrysene-d12	21.893	240	188664	20.000	ng	# 0.00
86) Perylene-d12	25.283	264	204327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	223083	159.063	ng	0.00
7) Phenol-d6	7.410	99	303573	149.406	ng	0.00
23) Nitrobenzene-d5	9.437	82	175892	80.099	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	156541	175.638	ng	0.00
45) 2-Fluorobiphenyl	13.503	172	453039	90.443	ng	0.00
79) Terphenyl-d14	20.183	244	854346	94.086	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.591	88	23015	33.987	ng	97
3) Pyridine	4.014	79	63946	31.357	ng	94
4) n-Nitrosodimethylamine	3.920	42	32585	35.965	ng	93
6) Aniline	7.574	93	110456	41.526	ng	99
8) 2-Chlorophenol	7.821	128	83342	51.114	ng	96
9) Benzaldehyde	7.386	77	37771	27.226	ng	97
10) Phenol	7.439	94	110608	48.599	ng	100
11) bis(2-Chloroethyl)ether	7.662	93	71310	41.507	ng	95
12) 1,3-Dichlorobenzene	8.150	146	84543	47.522	ng	97
13) 1,4-Dichlorobenzene	8.297	146	85238	46.908	ng	99
14) 1,2-Dichlorobenzene	8.620	146	84828	48.486	ng	95
15) Benzyl Alcohol	8.497	79	74974m	44.094	ng	
16) 2,2'-oxybis(1-Chloropr...	8.785	45	97547	34.695	ng	94
17) 2-Methylphenol	8.702	107	78076	48.508	ng	99
18) Hexachloroethane	9.354	117	28585	44.177	ng	# 86
19) n-Nitroso-di-n-propyla...	9.067	70	65931	39.075	ng	93
20) 3+4-Methylphenols	9.031	107	107171	46.489	ng	98
22) Acetophenone	9.090	105	127665	44.534	ng	# 96
24) Nitrobenzene	9.478	77	92361	40.394	ng	94
25) Isophorone	10.001	82	185703	41.868	ng	# 94
26) 2-Nitrophenol	10.195	139	48901	48.838	ng	94
27) 2,4-Dimethylphenol	10.242	122	87377	55.897	ng	97
28) bis(2-Chloroethoxy)met...	10.477	93	105170	46.963	ng	99
29) 2,4-Dichlorophenol	10.735	162	90130	53.747	ng	95
30) 1,2,4-Trichlorobenzene	10.953	180	85055	49.696	ng	98
31) Naphthalene	11.141	128	260490	43.547	ng	99
32) Benzoic acid	10.406	122	40745m	35.668	ng	
33) 4-Chloroaniline	11.246	127	95984	37.532	ng	97
34) Hexachlorobutadiene	11.417	225	51780	52.951	ng	97
35) Caprolactam	12.016	113	33384m	42.894	ng	
36) 4-Chloro-3-methylphenol	12.351	107	100641	47.695	ng	96
37) 2-Methylnaphthalene	12.727	142	193067	44.766	ng	100
38) 1-Methylnaphthalene	12.944	142	184378	43.334	ng	99
40) 1,2,4,5-Tetrachloroben...	13.085	216	102724	51.948	ng	99
41) Hexachlorocyclopentadiene	13.062	237	111707	116.642	ng	98
43) 2,4,6-Trichlorophenol	13.320	196	74747	51.179	ng	98

11/04/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.403	196	84211	52.130	ng	#	94
46) 1,1'-Biphenyl	13.714	154	266140	47.329	ng		98
47) 2-Chloronaphthalene	13.767	162	205608	46.368	ng		96
48) 2-Nitroaniline	13.961	65	67766	39.078	ng		90
49) Acenaphthylene	14.601	152	344633	45.023	ng		99
50) Dimethylphthalate	14.319	163	289131	44.916	ng		100
51) 2,6-Dinitrotoluene	14.449	165	63212	48.258	ng		86
52) Acenaphthene	14.942	154	240537m	49.298	ng		
53) 3-Nitroaniline	14.778	138	56094	34.072	ng		98
54) 2,4-Dinitrophenol	14.989	184	72025	93.195	ng		91
55) Dibenzofuran	15.271	168	335649	45.853	ng		97
56) 4-Nitrophenol	15.089	139	108049	91.759	ng		93
57) 2,4-Dinitrotoluene	15.230	165	93447	49.160	ng		88
58) Fluorene	15.917	166	271653	44.600	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.494	232	72978	50.674	ng		91
60) Diethylphthalate	15.665	149	300258	43.849	ng		98
61) 4-Chlorophenyl-phenyle...	15.900	204	141466	50.542	ng		94
62) 4-Nitroaniline	15.941	138	73189	42.304	ng		97
63) Azobenzene	16.188	77	256960	38.520	ng		97
65) 4,6-Dinitro-2-methylph...	15.994	198	53389	50.411	ng		86
66) n-Nitrosodiphenylamine	16.111	169	247654	46.184	ng		98
67) 4-Bromophenyl-phenylether	16.787	248	96883	51.762	ng		96
68) Hexachlorobenzene	16.916	284	110692	52.305	ng		95
69) Atrazine	17.045	200	102226	56.064	ng		98
70) Pentachlorophenol	17.263	266	108302	90.250	ng		98
71) Phenanthrene	17.657	178	462318	44.997	ng		99
72) Anthracene	17.745	178	469919	46.785	ng		100
73) Carbazole	18.009	167	446761	46.245	ng		99
74) Di-n-butylphthalate	18.538	149	535657	44.356	ng		99
75) Fluoranthene	19.642	202	559563	46.739	ng		97
77) Benzidine	19.813	184	304077	66.565	ng		98
78) Pyrene	20.007	202	567521	43.886	ng		99
80) Butylbenzylphthalate	20.859	149	243082	39.779	ng		87
81) Benzo(a)anthracene	21.869	228	559090	44.130	ng		99
82) 3,3'-Dichlorobenzidine	21.769	252	171151	41.479	ng		98
83) Chrysene	21.940	228	520917	43.286	ng		99
84) Bis(2-ethylhexyl)phtha...	21.728	149	356504	40.839	ng		97
85) Di-n-octyl phthalate	22.991	149	597838	41.108	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.190	276	694698	46.033	ng	#	93
88) Benzo(b)fluoranthene	24.202	252	591472m	48.124	ng		
89) Benzo(k)fluoranthene	24.266	252	584884	47.128	ng		97
90) Benzo(a)pyrene	25.124	252	533891	50.654	ng	#	97
91) Dibenzo(a,h)anthracene	29.249	278	606412	48.965	ng		96
92) Benzo(g,h,i)perylene	30.424	276	598607	48.732	ng		95

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

