

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056444.D
 Acq On : 26 Jan 2023 15:47
 Operator : CG/JU
 Sample : 01289-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ209-STOCKMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/27/2023
 Supervised By : Jagrut Upadhyay 01/27/2023

Quant Time: Jan 27 00:59:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.290	152	35211	20.000	ng	0.00
21) Naphthalene-d8	11.128	136	133074	20.000	ng	0.00
39) Acenaphthene-d10	14.912	164	102893	20.000	ng	0.00
64) Phenanthrene-d10	17.650	188	253663	20.000	ng	0.00
76) Chrysene-d12	21.945	240	249475	20.000	ng	# 0.00
86) Perylene-d12	25.376	264	275405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	269126	136.470	ng	0.00
7) Phenol-d6	7.438	99	375638	124.034	ng	0.00
23) Nitrobenzene-d5	9.471	82	187488	72.067	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	175577	134.736	ng	0.00
45) 2-Fluorobiphenyl	13.537	172	588331	78.958	ng	0.00
79) Terphenyl-d14	20.223	244	1065999	76.531	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.619	88	33710	37.424	ng	# 91
3) Pyridine	4.036	79	89434	32.599	ng	# 93
4) n-Nitrosodimethylamine	3.948	42	22675	40.631	ng	# 86
6) Aniline	7.603	93	118599	29.862	ng	99
8) 2-Chlorophenol	7.855	128	108847	55.466	ng	92
9) Benzaldehyde	7.415	77	43165	23.971	ng	94
10) Phenol	7.468	94	148619	48.389	ng	97
11) bis(2-Chloroethyl)ether	7.697	93	91249	43.841	ng	95
12) 1,3-Dichlorobenzene	8.184	146	120230m	50.340	ng	
13) 1,4-Dichlorobenzene	8.325	146	121339	50.593	ng	96
14) 1,2-Dichlorobenzene	8.654	146	118547	51.227	ng	99
15) Benzyl Alcohol	8.531	79	92611m	42.017	ng	
16) 2,2'-oxybis(1-Chloropr...	8.807	45	20456	55.616	ng	# 77
17) 2-Methylphenol	8.731	107	104412	46.330	ng	93
18) Hexachloroethane	9.389	117	36648	50.300	ng	95
19) n-Nitroso-di-n-propyla...	9.095	70	71282	38.706	ng	98
20) 3+4-Methylphenols	9.060	107	142662	45.025	ng	98
22) Acetophenone	9.124	105	164225	43.646	ng	# 98
24) Nitrobenzene	9.512	77	107238	41.595	ng	96
25) Isophorone	10.035	82	215098	39.296	ng	96
26) 2-Nitrophenol	10.229	139	66978	50.775	ng	94
27) 2,4-Dimethylphenol	10.276	122	120460	50.067	ng	95
28) bis(2-Chloroethoxy)met...	10.505	93	124833	43.879	ng	95
29) 2,4-Dichlorophenol	10.770	162	134138	50.429	ng	95
30) 1,2,4-Trichlorobenzene	10.987	180	144837	47.983	ng	97
31) Naphthalene	11.175	128	334733	47.795	ng	99
32) Benzoic acid	10.405	122	46142	25.848	ng	93
33) 4-Chloroaniline	11.281	127	103116	30.838	ng	95
34) Hexachlorobutadiene	11.451	225	102483	47.206	ng	97
35) Caprolactam	12.056	113	40560	45.038	ng	98
36) 4-Chloro-3-methylphenol	12.379	107	121839	45.141	ng	96
37) 2-Methylnaphthalene	12.761	142	265094	44.829	ng	98
38) 1-Methylnaphthalene	12.979	142	244788	44.577	ng	99
40) 1,2,4,5-Tetrachloroben...	13.120	216	195154	50.605	ng	99
41) Hexachlorocyclopentadiene	13.096	237	230111	104.661	ng	95
43) 2,4,6-Trichlorophenol	13.355	196	131299	51.489	ng	100

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44) 2,4,5-Trichlorophenol	13.437	196	138702	45.981	ng	100
46) 1,1'-Biphenyl	13.748	154	376687	51.119	ng	98
47) 2-Chloronaphthalene	13.801	162	300046	51.587	ng	97
48) 2-Nitroaniline	13.995	65	58700	47.367	ng	90
49) Acenaphthylene	14.642	152	455627	48.138	ng	99
50) Dimethylphthalate	14.354	163	381588	45.940	ng	98
51) 2,6-Dinitrotoluene	14.477	165	83254	47.039	ng	95
52) Acenaphthene	14.976	154	307163m	49.896	ng	
53) 3-Nitroaniline	14.812	138	60804	36.098	ng	89
54) 2,4-Dinitrophenol	15.023	184	66630	52.697	ng	94
55) Dibenzofuran	15.305	168	480088	47.127	ng	97
56) 4-Nitrophenol	15.117	139	127646	98.533	ng	87
57) 2,4-Dinitrotoluene	15.264	165	122484	49.484	ng	88
58) Fluorene	15.952	166	377912	46.123	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.529	232	134296	47.416	ng	95
60) Diethylphthalate	15.699	149	354246	45.477	ng	99
61) 4-Chlorophenyl-phenyle...	15.934	204	233937	45.750	ng	99
62) 4-Nitroaniline	15.969	138	81715	47.359	ng	95
63) Azobenzene	16.228	77	307627	51.177	ng	95
65) 4,6-Dinitro-2-methylph...	16.028	198	70651	41.340	ng	96
66) n-Nitrosodiphenylamine	16.152	169	351619	49.960	ng	97
67) 4-Bromophenyl-phenylether	16.827	248	156274	48.380	ng	97
68) Hexachlorobenzene	16.956	284	160741	53.338	ng	99
69) Atrazine	17.086	200	148877	51.041	ng	97
70) Pentachlorophenol	17.297	266	179173	77.397	ng	98
71) Phenanthrene	17.691	178	632714	48.131	ng	99
72) Anthracene	17.785	178	655724	48.355	ng	99
73) Carbazole	18.049	167	562089	49.312	ng	98
74) Di-n-butylphthalate	18.572	149	573133	50.440	ng	99
75) Fluoranthene	19.683	202	783071	45.667	ng	99
77) Benzidine	19.853	184	285605	32.668	ng	98
78) Pyrene	20.047	202	800956	45.550	ng	99
80) Butylbenzylphthalate	20.899	149	241136	47.800	ng	99
81) Benzo(a)anthracene	21.921	228	823762	47.012	ng	99
82) 3,3'-Dichlorobenzidine	21.821	252	180926	28.683	ng	97
83) Chrysene	21.992	228	769917	46.908	ng	100
84) Bis(2-ethylhexyl)phtha...	21.780	149	352427	48.490	ng	99
85) Di-n-octyl phthalate	23.055	149	598354	48.767	ng	100
87) Indeno(1,2,3-cd)pyrene	29.336	276	994156	49.635	ng	# 97
88) Benzo(b)fluoranthene	24.283	252	844716	48.274	ng	99
89) Benzo(k)fluoranthene	24.354	252	843047	48.382	ng	100
90) Benzo(a)pyrene	25.217	252	763607	44.742	ng	99
91) Dibenzo(a,h)anthracene	29.401	278	838620	49.940	ng	98
92) Benzo(g,h,i)perylene	30.582	276	808913	49.674	ng	100

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

