

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055701.D
 Acq On : 18 Nov 2022 22:20
 Operator : CG/JU
 Sample : N5613-01MS 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-COMP-1MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/21/2022
 Supervised By : Jagrut Upadhyay 11/21/2022

Quant Time: Nov 19 00:00:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	54887	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	228948	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	154076	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	323398	20.000	ng	0.00
76) Chrysene-d12	21.918	240	296306	20.000	ng	0.00
86) Perylene-d12	25.332	264	303084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.784	112	150840	49.674	ng	0.00
7) Phenol-d6	7.394	99	196712	48.665	ng	0.00
23) Nitrobenzene-d5	9.421	82	125144	28.891	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	94983	43.779	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	320468	31.160	ng	0.00
79) Terphenyl-d14	20.203	244	466698	31.503	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.616	88	17018	13.114	ng	98
3) Pyridine	4.028	79	48946	12.295	ng	99
4) n-Nitrosodimethylamine	3.934	42	30710	14.570	ng	# 91
6) Aniline	7.565	93	43375	8.543	ng	95
8) 2-Chlorophenol	7.811	128	64392	18.549	ng	98
9) Benzaldehyde	7.377	77	38064	13.866	ng	99
10) Phenol	7.424	94	82503	18.229	ng	98
11) bis(2-Chloroethyl)ether	7.653	93	58282	16.803	ng	97
12) 1,3-Dichlorobenzene	8.140	146	70475	17.268	ng	98
13) 1,4-Dichlorobenzene	8.287	146	70832	17.175	ng	96
14) 1,2-Dichlorobenzene	8.611	146	68874	17.427	ng	97
15) Benzyl Alcohol	8.487	79	58337m	17.758	ng	
16) 2,2'-oxybis(1-Chloropr...	8.769	45	108856m	17.336	ng	
17) 2-Methylphenol	8.687	107	56769	17.667	ng	97
18) Hexachloroethane	9.345	117	22925	16.150	ng	99
19) n-Nitroso-di-n-propyla...	9.051	70	50200	16.163	ng	99
20) 3+4-Methylphenols	9.016	107	76408	17.022	ng	96
22) Acetophenone	9.075	105	100424	16.880	ng	99
24) Nitrobenzene	9.462	77	74194	16.398	ng	99
25) Isophorone	9.985	82	138854	16.918	ng	99
26) 2-Nitrophenol	10.179	139	37561	17.983	ng	97
27) 2,4-Dimethylphenol	10.232	122	64321	20.234	ng	98
28) bis(2-Chloroethoxy)met...	10.461	93	81026	18.390	ng	99
29) 2,4-Dichlorophenol	10.720	162	66988	17.606	ng	97
30) 1,2,4-Trichlorobenzene	10.937	180	75261	17.026	ng	99
31) Naphthalene	11.131	128	208369	16.836	ng	99
32) Benzoic acid	10.338	122	44012m	16.828	ng	
33) 4-Chloroaniline	11.231	127	44483	8.713	ng	98
34) Hexachlorobutadiene	11.407	225	51615	17.100	ng	97
35) Caprolactam	11.995	113	19182	14.569	ng	93
36) 4-Chloro-3-methylphenol	12.336	107	69406	16.597	ng	99
37) 2-Methylnaphthalene	12.717	142	151183	16.314	ng	97
38) 1-Methylnaphthalene	12.935	142	142960	15.891	ng	100
40) 1,2,4,5-Tetrachloroben...	13.082	216	89058	18.393	ng	98
41) Hexachlorocyclopentadiene	13.052	237	9919	4.065	ng	96
43) 2,4,6-Trichlorophenol	13.311	196	58851	17.818	ng	96

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44) 2,4,5-Trichlorophenol	13.387	196	60929	16.787	ng	99
46) 1,1'-Biphenyl	13.710	154	201099	17.911	ng	99
47) 2-Chloronaphthalene	13.757	162	152708	17.498	ng	99
48) 2-Nitroaniline	13.951	65	46874	16.337	ng	98
49) Acenaphthylene	14.598	152	240453	16.732	ng	99
50) Dimethylphthalate	14.316	163	195498	15.917	ng	99
51) 2,6-Dinitrotoluene	14.439	165	41005	16.328	ng	100
52) Acenaphthene	14.938	154	159149	16.945	ng	100
53) 3-Nitroaniline	14.768	138	32342	11.731	ng	100
54) 2,4-Dinitrophenol	14.974	184	21111	14.621	ng	98
55) Dibenzofuran	15.267	168	239198	16.509	ng	99
56) 4-Nitrophenol	15.068	139	66238	30.613	ng	95
57) 2,4-Dinitrotoluene	15.220	165	55296	15.617	ng	98
58) Fluorene	15.914	166	187715	16.221	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.491	232	54520	15.502	ng	98
60) Diethylphthalate	15.667	149	190640	15.352	ng	98
61) 4-Chlorophenyl-phenyle...	15.902	204	102702	16.145	ng	99
62) 4-Nitroaniline	15.925	138	40064	13.902	ng	96
63) Azobenzene	16.190	77	166369	15.346	ng	99
65) 4,6-Dinitro-2-methylph...	15.984	198	18023	9.981	ng	96
66) n-Nitrosodiphenylamine	16.113	169	161143	18.080	ng	99
67) 4-Bromophenyl-phenylether	16.795	248	65386	17.745	ng	97
68) Hexachlorobenzene	16.918	284	70405	17.232	ng	98
69) Atrazine	17.048	200	64355	18.257	ng	98
70) Pentachlorophenol	17.259	266	81760	32.712	ng	96
71) Phenanthrene	17.659	178	349476	20.025	ng	99
72) Anthracene	17.747	178	313352	18.480	ng	99
73) Carbazole	18.011	167	264913	17.378	ng	99
74) Di-n-butylphthalate	18.552	149	311916	16.479	ng	100
75) Fluoranthene	19.656	202	424357	19.987	ng	99
77) Benzidine	19.827	184	17156	2.503	ng	# 90
78) Pyrene	20.015	202	415766	20.730	ng	99
80) Butylbenzylphthalate	20.884	149	131606	16.762	ng	96
81) Benzo(a)anthracene	21.895	228	379934	18.617	ng	100
82) 3,3'-Dichlorobenzidine	21.795	252	71423	9.960	ng	96
83) Chrysene	21.965	228	350767	18.054	ng	100
84) Bis(2-ethylhexyl)phtha...	21.772	149	195255	17.304	ng	98
85) Di-n-octyl phthalate	23.047	149	330922	17.137	ng	100
87) Indeno(1,2,3-cd)pyrene	29.269	276	282998	11.398	ng	# 96
88) Benzo(b)fluoranthene	24.245	252	364730	18.478	ng	99
89) Benzo(k)fluoranthene	24.310	252	391566	19.901	ng	98
90) Benzo(a)pyrene	25.173	252	327352	19.326	ng	# 98
91) Dibenzo(a,h)anthracene	29.339	278	236806	11.671	ng	98
92) Benzo(g,h,i)perylene	30.502	276	210773	10.307	ng	99

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

