

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
 Data File : BG061224.D
 Acq On : 16 May 2024 17:20
 Operator : MA/JU
 Sample : P2476-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 17:54:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	23675	20.000	ng	-0.04
21) Naphthalene-d8	10.725	136	99528	20.000	ng	#-0.03
39) Acenaphthene-d10	14.556	164	78885	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	188778	20.000	ng	-0.03
76) Chrysene-d12	21.565	240	188600	20.000	ng	-0.03
86) Perylene-d12	24.685	264	231076	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	146758	126.068	ng	-0.02
7) Phenol-d6	7.112	99	201550	117.038	ng	-0.02
23) Nitrobenzene-d5	9.086	82	144076	71.760	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	154449	97.953	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	382509	71.702	ng	-0.03
79) Terphenyl-d14	19.926	244	727982	64.196	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	16447	34.942	ng	94
3) Pyridine	3.822	79	45145	32.595	ng	94
4) n-Nitrosodimethylamine	3.739	42	52112	39.161	ng	93
6) Aniline	7.253	93	52366	30.674	ng	# 95
8) 2-Chlorophenol	7.500	128	68144	47.714	ng	98
9) Benzaldehyde	7.065	77	16195	14.873	ng	92
10) Phenol	7.141	94	86845	49.590	ng	92
11) bis(2-Chloroethyl)ether	7.347	93	56061	46.338	ng	98
12) 1,3-Dichlorobenzene	7.817	146	71986	42.756	ng	98
13) 1,4-Dichlorobenzene	7.964	146	73162	42.044	ng	95
14) 1,2-Dichlorobenzene	8.281	146	71760	42.744	ng	95
15) Benzyl Alcohol	8.164	79	72086	46.403	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.446	45	135135m	51.476	ng	
17) 2-Methylphenol	8.381	107	58606	46.959	ng	99
18) Hexachloroethane	9.004	117	27118	43.675	ng	92
19) n-Nitroso-di-n-propyla...	8.733	70	53022	41.142	ng	93
20) 3+4-Methylphenols	8.704	107	81127	45.056	ng	97
22) Acetophenone	8.745	105	108361	43.718	ng	# 98
24) Nitrobenzene	9.127	77	84510	43.027	ng	94
25) Isophorone	9.650	82	150683	40.601	ng	97
26) 2-Nitrophenol	9.838	139	41484	44.579	ng	96
27) 2,4-Dimethylphenol	9.903	122	52863	49.273	ng	95
28) bis(2-Chloroethoxy)met...	10.126	93	81506	44.748	ng	98
29) 2,4-Dichlorophenol	10.379	162	77823	46.296	ng	95
30) 1,2,4-Trichlorobenzene	10.584	180	85989	42.454	ng	97
31) Naphthalene	10.772	128	217759	42.098	ng	100
32) Benzoic acid	10.079	122	31939m	25.752	ng	
33) 4-Chloroaniline	10.878	127	49858m	24.168	ng	
34) Hexachlorobutadiene	11.054	225	70846	40.765	ng	96
35) Caprolactam	11.665	113	23434m	38.710	ng	
36) 4-Chloro-3-methylphenol	12.024	107	88372	43.597	ng	98
37) 2-Methylnaphthalene	12.382	142	162920	42.031	ng	97
38) 1-Methylnaphthalene	12.600	142	149870	38.406	ng	97
40) 1,2,4,5-Tetrachloroben...	12.752	216	127448	48.411	ng	99
41) Hexachlorocyclopentadiene	12.729	237	82818	82.176	ng	92
43) 2,4,6-Trichlorophenol	12.993	196	76587	45.313	ng	96

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44) 2,4,5-Trichlorophenol	13.081	196	83543	43.674	ng	96
46) 1,1'-Biphenyl	13.393	154	236758	46.809	ng	97
47) 2-Chloronaphthalene	13.434	162	183905	45.407	ng	97
48) 2-Nitroaniline	13.640	65	71460	47.547	ng	97
49) Acenaphthylene	14.280	152	307995	49.512	ng	99
50) Dimethylphthalate	14.016	163	256537	42.104	ng	99
51) 2,6-Dinitrotoluene	14.133	165	55211	42.363	ng	99
52) Acenaphthene	14.621	154	169908	43.784	ng	97
53) 3-Nitroaniline	14.468	138	38358	32.166	ng	99
54) 2,4-Dinitrophenol	14.685	184	51547	56.464	ng	97
55) Dibenzofuran	14.956	168	295316	45.054	ng	97
56) 4-Nitrophenol	14.803	139	70381	73.031	ng	88
57) 2,4-Dinitrotoluene	14.932	165	80397	41.696	ng	91
58) Fluorene	15.608	166	245333	43.254	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.191	232	82279	41.784	ng	97
60) Diethylphthalate	15.379	149	252563	41.105	ng	99
61) 4-Chlorophenyl-phenyle...	15.596	204	146519	43.022	ng	95
62) 4-Nitroaniline	15.631	138	52728	40.769	ng	92
63) Azobenzene	15.896	77	223222	46.669	ng	96
65) 4,6-Dinitro-2-methylph...	15.702	198	45880	39.171	ng	93
66) n-Nitrosodiphenylamine	15.819	169	219582	46.906	ng	96
67) 4-Bromophenyl-phenylether	16.495	248	104926	47.182	ng	94
68) Hexachlorobenzene	16.618	284	126588	45.734	ng	98
69) Atrazine	16.771	200	92085	47.698	ng	98
70) Pentachlorophenol	16.965	266	114139	67.122	ng	96
71) Phenanthrene	17.347	178	409000	47.383	ng	100
72) Anthracene	17.441	178	410846	47.701	ng	99
73) Carbazole	17.711	167	343293	45.332	ng	98
74) Di-n-butylphthalate	18.269	149	403898	44.853	ng	100
75) Fluoranthene	19.362	202	520211	43.992	ng	99
77) Benzidine	19.544	184	139365	39.366	ng	97
78) Pyrene	19.726	202	535692	44.677	ng	99
80) Butylbenzylphthalate	20.614	149	175679	46.286	ng	99
81) Benzo(a)anthracene	21.548	228	578971	46.913	ng	99
82) 3,3'-Dichlorobenzidine	21.466	252	149882	33.746	ng	98
83) Chrysene	21.613	228	537808	46.512	ng	98
84) Bis(2-ethylhexyl)phtha...	21.460	149	255600	51.571	ng	100
85) Di-n-octyl phthalate	22.635	149	429330	49.098	ng	96
87) Indeno(1,2,3-cd)pyrene	28.240	276	721261	47.099	ng	# 96
88) Benzo(b)fluoranthene	23.704	252	565665	43.807	ng	98
89) Benzo(k)fluoranthene	23.769	252	568268	45.745	ng	99
90) Benzo(a)pyrene	24.544	252	535084	47.565	ng	99
91) Dibenzo(a,h)anthracene	28.299	278	584408	46.082	ng	# 98
92) Benzo(g,h,i)perylene	29.350	276	547714	43.460	ng	99

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

