

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061109.D
 Acq On : 3 May 2024 16:50
 Operator : MA/JU
 Sample : P2354-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 V359MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 17:46:48 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	7.932	152	27291	20.000	ng	-0.03
21) Naphthalene-d8	10.729	136	107435	20.000	ng	-0.03
39) Acenaphthene-d10	14.565	164	83786	20.000	ng	-0.02
64) Phenanthrene-d10	17.309	188	191325	20.000	ng	-0.02
76) Chrysene-d12	21.575	240	188689	20.000	ng	-0.02
86) Perylene-d12	24.695	264	171683	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	83199	62.000	ng	-0.02
7) Phenol-d6	7.109	99	142168	71.617	ng	-0.02
23) Nitrobenzene-d5	9.089	82	102266	47.187	ng	-0.03
42) 2,4,6-Tribromophenol	16.058	330	76261	45.536	ng	-0.02
45) 2-Fluorobiphenyl	13.185	172	172430	30.432	ng	-0.02
79) Terphenyl-d14	19.930	244	261161	23.019	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.437	88	14980	27.609	ng	100
3) Pyridine	3.825	79	45545	28.526	ng	94
4) n-Nitrosodimethylamine	3.743	42	50840	33.143	ng	99
6) Aniline	7.262	93	49711	25.260	ng	97
8) 2-Chlorophenol	7.503	128	73345	44.551	ng	95
9) Benzaldehyde	7.074	77	32164	28.083	ng	96
10) Phenol	7.139	94	101372	50.215	ng	92
11) bis(2-Chloroethyl)ether	7.356	93	58227	41.751	ng	97
12) 1,3-Dichlorobenzene	7.826	146	83503	43.025	ng	96
13) 1,4-Dichlorobenzene	7.973	146	84651	42.201	ng	94
14) 1,2-Dichlorobenzene	8.284	146	83259	43.022	ng	100
15) Benzyl Alcohol	8.173	79	78592	43.888	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.449	45	130186	43.020	ng	99
17) 2-Methylphenol	8.379	107	62638	43.540	ng	91
18) Hexachloroethane	9.013	117	29073	40.619	ng	# 82
19) n-Nitroso-di-n-propyla...	8.737	70	56425	37.981	ng	93
20) 3+4-Methylphenols	8.708	107	89076	42.916	ng	98
22) Acetophenone	8.755	105	121459	45.396	ng	# 97
24) Nitrobenzene	9.131	77	90884	42.867	ng	96
25) Isophorone	9.659	82	157827	39.396	ng	97
26) 2-Nitrophenol	9.841	139	45031	44.829	ng	94
27) 2,4-Dimethylphenol	9.906	122	58416	50.441	ng	98
28) bis(2-Chloroethoxy)met...	10.135	93	84777	43.118	ng	96
29) 2,4-Dichlorophenol	10.382	162	86682	47.771	ng	97
30) 1,2,4-Trichlorobenzene	10.594	180	102121	46.708	ng	98
31) Naphthalene	10.782	128	257362	46.093	ng	99
32) Benzoic acid	10.065	122	47070m	35.159	ng	
33) 4-Chloroaniline	10.887	127	52629	23.634	ng	93
34) Hexachlorobutadiene	11.064	225	85609	45.634	ng	95
35) Caprolactam	11.669	113	24577	37.610	ng	93
36) 4-Chloro-3-methylphenol	12.027	107	93701	42.824	ng	99
37) 2-Methylnaphthalene	12.391	142	187136	44.725	ng	97
38) 1-Methylnaphthalene	12.609	142	173342	41.152	ng	98
40) 1,2,4,5-Tetrachloroben...	12.756	216	151206	54.076	ng	98
41) Hexachlorocyclopentadiene	12.738	237	44435	41.512	ng	99
43) 2,4,6-Trichlorophenol	13.002	196	90449	50.384	ng	93

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44) 2,4,5-Trichlorophenol	13.079	196	97348	47.914	ng	95
46) 1,1'-Biphenyl	13.396	154	265331	49.389	ng	99
47) 2-Chloronaphthalene	13.443	162	205700	47.817	ng	99
48) 2-Nitroaniline	13.643	65	75258	47.145	ng	98
49) Acenaphthylene	14.289	152	337122	51.024	ng	99
50) Dimethylphthalate	14.025	163	283281	43.773	ng	99
51) 2,6-Dinitrotoluene	14.142	165	57162	41.295	ng	96
52) Acenaphthene	14.630	154	189370	45.945	ng	96
53) 3-Nitroaniline	14.471	138	42616	33.647	ng	94
54) 2,4-Dinitrophenol	14.683	184	22663	24.666	ng	98
55) Dibenzofuran	14.965	168	326114	46.843	ng	100
56) 4-Nitrophenol	14.794	139	83938	82.004	ng	94
57) 2,4-Dinitrotoluene	14.930	165	84047	41.039	ng	93
58) Fluorene	15.617	166	265340	44.045	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.194	232	95704	45.759	ng	99
60) Diethylphthalate	15.388	149	269728	41.331	ng	98
61) 4-Chlorophenyl-phenyle...	15.605	204	161718	44.707	ng	96
62) 4-Nitroaniline	15.635	138	55991	40.759	ng	95
63) Azobenzene	15.899	77	226576	44.600	ng	98
65) 4,6-Dinitro-2-methylph...	15.699	198	19898	16.762	ng	96
66) n-Nitrosodiphenylamine	15.823	169	237018	49.956	ng	97
67) 4-Bromophenyl-phenylether	16.504	248	113282	50.262	ng	94
68) Hexachlorobenzene	16.622	284	133697	47.660	ng	97
69) Atrazine	16.775	200	103838	53.069	ng	99
70) Pentachlorophenol	16.968	266	154427	89.606	ng	98
71) Phenanthrene	17.356	178	435961	49.834	ng	99
72) Anthracene	17.444	178	441264	50.550	ng	99
73) Carbazole	17.715	167	364881	47.541	ng	99
74) Di-n-butylphthalate	18.279	149	423893	46.447	ng	99
75) Fluoranthene	19.366	202	544245	45.411	ng	100
77) Benzidine	19.548	184	265581	72.454	ng	96
78) Pyrene	19.730	202	564052	47.020	ng	99
80) Butylbenzylphthalate	20.623	149	181103	47.693	ng	94
81) Benzo(a)anthracene	21.551	228	592252	47.966	ng	99
82) 3,3'-Dichlorobenzidine	21.469	252	176087	39.628	ng	98
83) Chrysene	21.622	228	574327	49.647	ng	98
84) Bis(2-ethylhexyl)phtha...	21.475	149	254437	51.312	ng	# 99
85) Di-n-octyl phthalate	22.656	149	438640	50.139	ng	99
87) Indeno(1,2,3-cd)pyrene	28.243	276	363802	31.975	ng	# 93
88) Benzo(b)fluoranthene	23.713	252	465976	48.571	ng	98
89) Benzo(k)fluoranthene	23.772	252	519804	56.320	ng	98
90) Benzo(a)pyrene	24.548	252	432046	51.692	ng	98
91) Dibenzo(a,h)anthracene	28.296	278	321914	34.165	ng	# 96
92) Benzo(g,h,i)perylene	29.342	276	226821	24.224	ng	97

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

