

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
 Data File : BG061153.D
 Acq On : 9 May 2024 16:09
 Operator : MA/JU
 Sample : P2414-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-SS004-0212-01MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
 Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 09 16:44:00 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	7.929	152	23734	20.000	ng	-0.03
21) Naphthalene-d8	10.732	136	93928	20.000	ng	-0.03
39) Acenaphthene-d10	14.563	164	73218	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	172416	20.000	ng	-0.02
76) Chrysene-d12	21.572	240	176175	20.000	ng	-0.02
86) Perylene-d12	24.698	264	203153	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	146543	125.571	ng	-0.02
7) Phenol-d6	7.112	99	197224	114.241	ng	-0.02
23) Nitrobenzene-d5	9.092	82	141340	74.595	ng	-0.03
42) 2,4,6-Tribromophenol	16.061	330	156147	106.694	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	373961	75.525	ng	-0.02
79) Terphenyl-d14	19.933	244	728603	68.782	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	16813	35.631	ng	98
3) Pyridine	3.828	79	44745	32.225	ng	94
4) n-Nitrosodimethylamine	3.746	42	47879	35.890	ng	# 95
6) Aniline	7.259	93	44009	25.714	ng	92
8) 2-Chlorophenol	7.506	128	70906	49.525	ng	97
9) Benzaldehyde	7.071	77	23879	23.279	ng	94
10) Phenol	7.142	94	85636	48.778	ng	95
11) bis(2-Chloroethyl)ether	7.353	93	55933	46.117	ng	98
12) 1,3-Dichlorobenzene	7.823	146	79333	47.002	ng	98
13) 1,4-Dichlorobenzene	7.970	146	80164	45.954	ng	95
14) 1,2-Dichlorobenzene	8.288	146	77444	46.015	ng	92
15) Benzyl Alcohol	8.170	79	69910	44.891	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.452	45	132192	50.229	ng	99
17) 2-Methylphenol	8.382	107	59690	47.709	ng	95
18) Hexachloroethane	9.010	117	29680	47.682	ng	89
19) n-Nitroso-di-n-propyla...	8.734	70	54568	42.236	ng	92
20) 3+4-Methylphenols	8.711	107	81766	45.298	ng	96
22) Acetophenone	8.752	105	114433	48.920	ng	# 99
24) Nitrobenzene	9.134	77	87268	47.080	ng	97
25) Isophorone	9.651	82	150783	43.050	ng	95
26) 2-Nitrophenol	9.839	139	42396	48.275	ng	97
27) 2,4-Dimethylphenol	9.909	122	54468	53.796	ng	97
28) bis(2-Chloroethoxy)met...	10.138	93	81188	47.231	ng	97
29) 2,4-Dichlorophenol	10.385	162	79078	49.847	ng	94
30) 1,2,4-Trichlorobenzene	10.591	180	95570	49.997	ng	94
31) Naphthalene	10.779	128	229801	47.075	ng	99
32) Benzoic acid	10.068	122	32259m	27.561	ng	
33) 4-Chloroaniline	10.884	127	49572	25.462	ng	97
34) Hexachlorobutadiene	11.067	225	79347	48.378	ng	95
35) Caprolactam	11.672	113	23096m	40.427	ng	
36) 4-Chloro-3-methylphenol	12.024	107	84760	44.308	ng	96
37) 2-Methylnaphthalene	12.389	142	168772	46.137	ng	99
38) 1-Methylnaphthalene	12.606	142	155936	42.343	ng	99
40) 1,2,4,5-Tetrachloroben...	12.759	216	136051	55.679	ng	99
41) Hexachlorocyclopentadiene	12.735	237	63460	67.842	ng	93
43) 2,4,6-Trichlorophenol	13.000	196	79659	50.779	ng	97

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44) 2,4,5-Trichlorophenol	13.082	196	85040	47.897	ng	95
46) 1,1'-Biphenyl	13.399	154	238466	50.796	ng	96
47) 2-Chloronaphthalene	13.440	162	187246	49.810	ng	97
48) 2-Nitroaniline	13.640	65	68852	49.358	ng	95
49) Acenaphthylene	14.286	152	306181	53.030	ng	98
50) Dimethylphthalate	14.022	163	255329	45.149	ng	99
51) 2,6-Dinitrotoluene	14.140	165	55016	45.481	ng	97
52) Acenaphthene	14.627	154	169870	47.162	ng	92
53) 3-Nitroaniline	14.469	138	35800	32.345	ng	97
54) 2,4-Dinitrophenol	14.686	184	43747	51.818	ng	94
55) Dibenzofuran	14.962	168	299089	49.162	ng	97
56) 4-Nitrophenol	14.798	139	72626	81.193	ng	93
57) 2,4-Dinitrotoluene	14.933	165	78027	43.599	ng	# 94
58) Fluorene	15.614	166	244414	46.427	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.197	232	82868m	45.341	ng	
60) Diethylphthalate	15.385	149	251368	44.077	ng	99
61) 4-Chlorophenyl-phenyle...	15.608	204	148410	46.950	ng	98
62) 4-Nitroaniline	15.638	138	50355	41.947	ng	92
63) Azobenzene	15.902	77	213041	47.988	ng	96
65) 4,6-Dinitro-2-methylph...	15.702	198	39406	36.836	ng	95
66) n-Nitrosodiphenylamine	15.826	169	221727	51.859	ng	97
67) 4-Bromophenyl-phenylether	16.501	248	104780	51.588	ng	93
68) Hexachlorobenzene	16.625	284	125114	49.491	ng	98
69) Atrazine	16.772	200	95560	54.195	ng	99
70) Pentachlorophenol	16.971	266	122505	78.879	ng	97
71) Phenanthrene	17.353	178	412090	52.272	ng	100
72) Anthracene	17.447	178	415620	52.834	ng	99
73) Carbazole	17.718	167	341505	49.375	ng	99
74) Di-n-butylphthalate	18.276	149	396692	48.234	ng	100
75) Fluoranthene	19.369	202	546493	50.600	ng	99
77) Benzidine	19.551	184	188392	55.718	ng	98
78) Pyrene	19.733	202	562515	50.222	ng	99
80) Butylbenzylphthalate	20.620	149	177750	50.135	ng	96
81) Benzo(a)anthracene	21.554	228	592173	51.366	ng	98
82) 3,3'-Dichlorobenzidine	21.472	252	144512	34.832	ng	98
83) Chrysene	21.619	228	550561	50.973	ng	98
84) Bis(2-ethylhexyl)phtha...	21.472	149	244741	52.863	ng	97
85) Di-n-octyl phthalate	22.647	149	419236	51.325	ng	100
87) Indeno(1,2,3-cd)pyrene	28.264	276	633821m	47.078	ng	
88) Benzo(b)fluoranthene	23.711	252	575994	50.738	ng	99
89) Benzo(k)fluoranthene	23.775	252	567877	51.997	ng	99
90) Benzo(a)pyrene	24.557	252	539932	54.592	ng	99
91) Dibenzo(a,h)anthracene	28.305	278	484236	43.431	ng	98
92) Benzo(g,h,i)perylene	29.363	276	431333m	38.930	ng	

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

