

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060727.D
 Acq On : 1 Apr 2024 23:00
 Operator : MA/JU
 Sample : P1915-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-A-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024

Quant Time: Apr 02 06:44:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	78951	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	362744	20.000	ng	0.00
39) Acenaphthene-d10	14.585	164	253748	20.000	ng	0.00
64) Phenanthrene-d10	17.335	188	541011	20.000	ng	0.00
76) Chrysene-d12	21.601	240	468387	20.000	ng	0.00
86) Perylene-d12	24.750	264	533442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	499918	105.484	ng	0.00
7) Phenol-d6	7.118	99	744143	105.779	ng	0.00
23) Nitrobenzene-d5	9.115	82	465340	73.200	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	310035	107.634	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	1030133	59.581	ng	0.00
79) Terphenyl-d14	19.961	244	1563896	58.792	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.457	88	67906	34.948	ng	98
3) Pyridine	3.845	79	190014	32.420	ng	90
4) n-Nitrosodimethylamine	3.763	42	142888	40.785	ng	# 96
6) Aniline	7.282	93	159099	17.909	ng	99
8) 2-Chlorophenol	7.523	128	287654	53.538	ng	98
9) Benzaldehyde	7.094	77	40765m	10.509	ng	
10) Phenol	7.147	94	384018	53.488	ng	98
11) bis(2-Chloroethyl)ether	7.382	93	254205	43.855	ng	98
12) 1,3-Dichlorobenzene	7.846	146	280936	50.280	ng	97
13) 1,4-Dichlorobenzene	7.993	146	293186	51.433	ng	98
14) 1,2-Dichlorobenzene	8.310	146	287834	51.525	ng	99
15) Benzyl Alcohol	8.193	79	271198	47.591	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.481	45	625777	47.837	ng	100
17) 2-Methylphenol	8.393	107	264185	48.743	ng	99
18) Hexachloroethane	9.039	117	107456	53.077	ng	95
19) n-Nitroso-di-n-propyla...	8.769	70	229626	42.802	ng	# 98
20) 3+4-Methylphenols	8.722	107	358087	48.247	ng	94
22) Acetophenone	8.780	105	449233	44.913	ng	# 98
24) Nitrobenzene	9.156	77	335471	47.443	ng	95
25) Isophorone	9.679	82	640461	43.741	ng	99
26) 2-Nitrophenol	9.867	139	142347	55.621	ng	95
27) 2,4-Dimethylphenol	9.926	122	231976	39.440	ng	99
28) bis(2-Chloroethoxy)met...	10.167	93	385823	44.633	ng	98
29) 2,4-Dichlorophenol	10.402	162	295032	54.624	ng	98
30) 1,2,4-Trichlorobenzene	10.619	180	318116	52.015	ng	98
31) Naphthalene	10.807	128	953983	48.617	ng	99
32) Benzoic acid	10.073	122	214739	53.895	ng	93
33) 4-Chloroaniline	10.907	127	137420	15.078	ng	97
34) Hexachlorobutadiene	11.101	225	209274	51.343	ng	98
35) Caprolactam	11.689	113	98856m	46.212	ng	
36) 4-Chloro-3-methylphenol	12.030	107	345734	50.108	ng	98
37) 2-Methylnaphthalene	12.417	142	673908	46.714	ng	100
38) 1-Methylnaphthalene	12.635	142	630221	46.243	ng	98
40) 1,2,4,5-Tetrachloroben...	12.782	216	397970	54.554	ng	99
41) Hexachlorocyclopentadiene	12.764	237	230990	62.273	ng	99
43) 2,4,6-Trichlorophenol	13.017	196	269605	57.396	ng	95

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44) 2,4,5-Trichlorophenol	13.087	196	291359	51.975	ng	98
46) 1,1'-Biphenyl	13.422	154	902415	50.349	ng	99
47) 2-Chloronaphthalene	13.463	162	710173	52.152	ng	96
48) 2-Nitroaniline	13.657	65	246768	54.606	ng	96
49) Acenaphthylene	14.309	152	1160650	50.726	ng	100
50) Dimethylphthalate	14.051	163	893284	44.538	ng	100
51) 2,6-Dinitrotoluene	14.156	165	180577	50.119	ng	97
52) Acenaphthene	14.650	154	719743	50.101	ng	99
53) 3-Nitroaniline	14.480	138	142944	36.982	ng	98
54) 2,4-Dinitrophenol	14.685	184	86068	61.651	ng	89
55) Dibenzofuran	14.991	168	1091053	48.149	ng	100
56) 4-Nitrophenol	14.791	139	330477	112.712	ng	99
57) 2,4-Dinitrotoluene	14.944	165	251875	53.261	ng	98
58) Fluorene	15.637	166	869044	47.785	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.208	232	257265	52.661	ng	99
60) Diethylphthalate	15.420	149	890929	44.153	ng	99
61) 4-Chlorophenyl-phenyle...	15.637	204	434619	45.172	ng	97
62) 4-Nitroaniline	15.649	138	176643	48.172	ng	98
63) Azobenzene	15.931	77	903625	45.956	ng	97
65) 4,6-Dinitro-2-methylph...	15.708	198	71045	34.191	ng	94
66) n-Nitrosodiphenylamine	15.849	169	780388	50.477	ng	98
67) 4-Bromophenyl-phenylether	16.530	248	287382	52.341	ng	99
68) Hexachlorobenzene	16.642	284	327726	52.875	ng	99
69) Atrazine	16.806	200	283526	52.443	ng	99
70) Pentachlorophenol	16.983	266	443595	109.684	ng	98
71) Phenanthrene	17.382	178	1829737	65.030	ng	98
72) Anthracene	17.470	178	1498281	52.434	ng	99
73) Carbazole	17.735	167	1287426	51.100	ng	99
74) Di-n-butylphthalate	18.316	149	1495251	47.605	ng	99
75) Fluoranthene	19.391	202	2233372	65.413	ng	98
77) Benzidine	19.568	184	324456	26.307	ng	99
78) Pyrene	19.750	202	2239733	68.372	ng	97
80) Butylbenzylphthalate	20.661	149	687451	57.529	ng	99
81) Benzo(a)anthracene	21.583	228	2039374	61.769	ng	99
82) 3,3'-Dichlorobenzidine	21.501	252	384935	34.529	ng	99
83) Chrysene	21.648	228	1943740	61.080	ng	97
84) Bis(2-ethylhexyl)phtha...	21.530	149	1176034	61.746	ng	98
85) Di-n-octyl phthalate	22.735	149	1735068	55.919	ng	98
87) Indeno(1,2,3-cd)pyrene	28.316	276	1644955	43.789	ng	# 91
88) Benzo(b)fluoranthene	23.757	252	1949724	63.621	ng	99
89) Benzo(k)fluoranthene	23.822	252	1953854	62.289	ng	100
90) Benzo(a)pyrene	24.603	252	1794379	60.250	ng	97
91) Dibenzo(a,h)anthracene	28.393	278	1225220	38.691	ng	98
92) Benzo(g,h,i)perylene	29.433	276	1173317	38.090	ng	97

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

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