

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
 Data File : BG055859.D
 Acq On : 1 Dec 2022 17:19
 Operator : CG/JU
 Sample : N5823-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OE-2-113022MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/02/2022
 Supervised By : Jagrut Upadhyay 12/02/2022

Quant Time: Dec 02 04:10:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.207	152	41281	20.000	ng	0.00
21) Naphthalene-d8	11.039	136	168403	20.000	ng	0.00
39) Acenaphthene-d10	14.835	164	116914	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	260648	20.000	ng	0.00
76) Chrysene-d12	21.868	240	241606	20.000	ng	0.00
86) Perylene-d12	25.252	264	269553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.745	112	285177	124.867	ng	0.00
7) Phenol-d6	7.367	99	368638	121.256	ng	0.00
23) Nitrobenzene-d5	9.382	82	231398	72.626	ng	0.00
42) 2,4,6-Tribromophenol	16.321	330	192131	116.705	ng	0.00
45) 2-Fluorobiphenyl	13.460	172	566119	72.542	ng	0.00
79) Terphenyl-d14	20.164	244	928668	76.879	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.554	88	35821	36.701	ng	97
3) Pyridine	3.971	79	100729	33.642	ng	98
4) n-Nitrosodimethylamine	3.883	42	63399	39.994	ng	97
6) Aniline	7.526	93	98300	25.743	ng	98
8) 2-Chlorophenol	7.773	128	124934	47.852	ng	100
9) Benzaldehyde	7.332	77	62694m	30.365	ng	
10) Phenol	7.391	94	155906	45.800	ng	98
11) bis(2-Chloroethyl)ether	7.614	93	109419	41.944	ng	99
12) 1,3-Dichlorobenzene	8.096	146	136545	44.483	ng	97
13) 1,4-Dichlorobenzene	8.243	146	135876	43.805	ng	98
14) 1,2-Dichlorobenzene	8.566	146	135010	45.421	ng	98
15) Benzyl Alcohol	8.448	79	111408m	45.090	ng	
16) 2,2'-oxybis(1-Chloropr...	8.730	45	198407	42.013	ng	98
17) 2-Methylphenol	8.654	107	109448	45.287	ng	99
18) Hexachloroethane	9.300	117	49553	46.415	ng	98
19) n-Nitroso-di-n-propyla...	9.012	70	94233	40.342	ng	100
20) 3+4-Methylphenols	8.983	107	151029	44.736	ng	99
22) Acetophenone	9.036	105	187384	42.821	ng	97
24) Nitrobenzene	9.424	77	141547	42.532	ng	99
25) Isophorone	9.946	82	260257	43.111	ng	99
26) 2-Nitrophenol	10.140	139	73206	47.650	ng	94
27) 2,4-Dimethylphenol	10.193	122	123687m	52.898	ng	
28) bis(2-Chloroethoxy)met...	10.422	93	149011	45.978	ng	99
29) 2,4-Dichlorophenol	10.687	162	130174	46.513	ng	99
30) 1,2,4-Trichlorobenzene	10.898	180	143882	44.252	ng	99
31) Naphthalene	11.086	128	396483	43.552	ng	100
32) Benzoic acid	10.346	122	66701	34.673	ng	98
33) 4-Chloroaniline	11.192	127	83511	22.238	ng	98
34) Hexachlorobutadiene	11.362	225	97790	44.046	ng	99
35) Caprolactam	11.974	113	40399m	41.714	ng	
36) 4-Chloro-3-methylphenol	12.308	107	137346	44.651	ng	98
37) 2-Methylnaphthalene	12.679	142	301760	44.271	ng	99
38) 1-Methylnaphthalene	12.896	142	288085	43.536	ng	99
40) 1,2,4,5-Tetrachloroben...	13.043	216	175491	47.765	ng	100
41) Hexachlorocyclopentadiene	13.013	237	98914	53.416	ng	99
43) 2,4,6-Trichlorophenol	13.278	196	113745	45.385	ng	98

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44) 2,4,5-Trichlorophenol	13.360	196	124067	45.047	ng	98
46) 1,1'-Biphenyl	13.672	154	382873	44.940	ng	99
47) 2-Chloronaphthalene	13.724	162	291517	44.022	ng	99
48) 2-Nitroaniline	13.918	65	95851	44.025	ng	95
49) Acenaphthylene	14.565	152	483448	44.334	ng	99
50) Dimethylphthalate	14.277	163	372656	39.985	ng	99
51) 2,6-Dinitrotoluene	14.406	165	82658	43.376	ng	97
52) Acenaphthene	14.899	154	360032m	50.517	ng	
53) 3-Nitroaniline	14.741	138	64376	30.774	ng	97
54) 2,4-Dinitrophenol	14.952	184	65440	59.726	ng	99
55) Dibenzofuran	15.234	168	505756	46.000	ng	99
56) 4-Nitrophenol	15.052	139	128505	78.268	ng	97
57) 2,4-Dinitrotoluene	15.193	165	116778	43.464	ng	97
58) Fluorene	15.881	166	458001	52.156	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.458	232	108137	40.521	ng	# 100
60) Diethylphthalate	15.628	149	370558	39.326	ng	99
61) 4-Chlorophenyl-phenyle...	15.863	204	203378	42.133	ng	99
62) 4-Nitroaniline	15.898	138	81536	37.286	ng	96
63) Azobenzene	16.157	77	344532	41.881	ng	96
65) 4,6-Dinitro-2-methylph...	15.963	198	51658	35.493	ng	92
66) n-Nitrosodiphenylamine	16.075	169	325552	45.321	ng	98
67) 4-Bromophenyl-phenylether	16.756	248	133640	45.000	ng	97
68) Hexachlorobenzene	16.885	284	147026	44.648	ng	97
69) Atrazine	17.015	200	133550	47.009	ng	99
70) Pentachlorophenol	17.232	266	153559	76.229	ng	98
71) Phenanthrene	17.626	178	1367949	97.254	ng	98
72) Anthracene	17.714	178	770899	56.408	ng	99
73) Carbazole	17.978	167	627660	51.087	ng	99
74) Di-n-butylphthalate	18.507	149	616025	40.380	ng	99
75) Fluoranthene	19.623	202	1585853	92.675	ng	97
77) Benzidine	19.788	184	212893	38.089	ng	98
78) Pyrene	19.982	202	1515171	92.649	ng	96
80) Butylbenzylphthalate	20.840	149	272197	42.516	ng	97
81) Benzo(a)anthracene	21.850	228	1111034	66.765	ng	97
82) 3,3'-Dichlorobenzidine	21.750	252	155884	26.659	ng	100
83) Chrysene	21.921	228	1020858	64.440	ng	99
84) Bis(2-ethylhexyl)phtha...	21.709	149	400573	43.537	ng	100
85) Di-n-octyl phthalate	22.972	149	675411	42.895	ng	100
87) Indeno(1,2,3-cd)pyrene	29.165	276	1020209	46.200	ng	# 94
88) Benzo(b)fluoranthene	24.177	252	1128009	64.257	ng	98
89) Benzo(k)fluoranthene	24.247	252	902320	51.565	ng	98
90) Benzo(a)pyrene	25.099	252	992142	65.861	ng	98
91) Dibenzo(a,h)anthracene	29.218	278	727116	40.294	ng	98
92) Benzo(g,h,i)perylene	30.387	276	829418	45.604	ng	98

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

