

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
 Data File : BG055113.D
 Acq On : 10 Oct 2022 15:17
 Operator : CG/JU
 Sample : N5018-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SASP2-T-3-(5-10)MS

Quant Time: Oct 11 04:03:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/11/2022
 Supervised By :mohammad ahmed 10/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.331	152	29080	20.000	ng	0.00
21) Naphthalene-d8	11.163	136	123789	20.000	ng	0.00
39) Acenaphthene-d10	14.935	164	93513	20.000	ng	0.00
64) Phenanthrene-d10	17.673	188	240574	20.000	ng	0.00
76) Chrysene-d12	21.968	240	218725	20.000	ng	0.00
86) Perylene-d12	25.411	264	238781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.851	112	204647	156.310	ng	0.00
7) Phenol-d6	7.461	99	282539	144.031	ng	0.00
23) Nitrobenzene-d5	9.500	82	175956	84.936	ng	0.00
42) 2,4,6-Tribromophenol	16.415	330	175208	177.864	ng	0.00
45) 2-Fluorobiphenyl	13.566	172	443585	74.053	ng	0.00
79) Terphenyl-d14	20.246	244	880731	81.386	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.677	88	27419	37.014	ng	92
3) Pyridine	4.089	79	78961	35.447	ng	95
4) n-Nitrosodimethylamine	4.001	42	51972	40.797	ng	# 92
6) Aniline	7.643	93	109513	38.155	ng	96
8) 2-Chlorophenol	7.884	128	92501	61.424	ng	97
9) Benzaldehyde	7.455	77	52843	33.533	ng	93
10) Phenol	7.485	94	125859	56.460	ng	95
11) bis(2-Chloroethyl)ether	7.731	93	80938	44.300	ng	98
12) 1,3-Dichlorobenzene	8.219	146	98126	47.338	ng	98
13) 1,4-Dichlorobenzene	8.366	146	100673	47.991	ng	97
14) 1,2-Dichlorobenzene	8.689	146	97961	48.066	ng	96
15) Benzyl Alcohol	8.560	79	95908	54.433	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.854	45	142381	41.142	ng	100
17) 2-Methylphenol	8.754	107	85398	54.374	ng	93
18) Hexachloroethane	9.430	117	33710	50.679	ng	90
19) n-Nitroso-di-n-propyla...	9.130	70	78929	41.537	ng	97
20) 3+4-Methylphenols	9.083	107	119959	54.845	ng	96
22) Acetophenone	9.153	105	146256	46.591	ng	# 99
24) Nitrobenzene	9.541	77	111868	49.732	ng	91
25) Isophorone	10.064	82	214101	48.627	ng	98
26) 2-Nitrophenol	10.258	139	53785	81.892	ng	# 82
27) 2,4-Dimethylphenol	10.299	122	102086	67.635	ng	98
28) bis(2-Chloroethoxy)met...	10.546	93	116422	51.675	ng	99
29) 2,4-Dichlorophenol	10.793	162	104147	55.724	ng	97
30) 1,2,4-Trichlorobenzene	11.016	180	100900	46.672	ng	97
31) Naphthalene	11.210	128	302472	46.297	ng	99
32) Benzoic acid	10.417	122	82185	73.094	ng	93
33) 4-Chloroaniline	11.304	127	83738	30.996	ng	99
34) Hexachlorobutadiene	11.492	225	64602	46.083	ng	96
35) Caprolactam	12.073	113	40400m	68.805	ng	
36) 4-Chloro-3-methylphenol	12.397	107	119811	56.302	ng	95
37) 2-Methylnaphthalene	12.790	142	222296	46.170	ng	98
38) 1-Methylnaphthalene	13.008	142	213882	45.670	ng	98
40) 1,2,4,5-Tetrachloroben...	13.149	216	129851	47.558	ng	99
41) Hexachlorocyclopentadiene	13.131	237	140475	119.478	ng	97
43) 2,4,6-Trichlorophenol	13.378	196	98745	58.402	ng	98

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44) 2,4,5-Trichlorophenol	13.448	196	110324	57.935	ng	97
46) 1,1'-Biphenyl	13.777	154	316267	49.328	ng	99
47) 2-Chloronaphthalene	13.824	162	243608	47.152	ng	99
48) 2-Nitroaniline	14.012	65	88345	59.685	ng	98
49) Acenaphthylene	14.665	152	413224	48.300	ng	100
50) Dimethylphthalate	14.383	163	341417	53.792	ng	100
51) 2,6-Dinitrotoluene	14.500	165	73586	55.971	ng	85
52) Acenaphthene	14.999	154	294396	55.419	ng	96
53) 3-Nitroaniline	14.829	138	60425	40.433	ng	# 98
54) 2,4-Dinitrophenol	15.029	184	95880	162.523	ng	# 47
55) Dibenzofuran	15.334	168	411971	48.608	ng	99
56) 4-Nitrophenol	15.117	139	146156	122.752	ng	97
57) 2,4-Dinitrotoluene	15.281	165	109733	60.788	ng	# 87
58) Fluorene	15.975	166	339372	50.038	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.546	232	106796	60.401	ng	100
60) Diethylphthalate	15.728	149	363147	55.451	ng	99
61) 4-Chlorophenyl-phenyle...	15.963	204	181872	49.332	ng	97
62) 4-Nitroaniline	15.987	138	89427	58.569	ng	97
63) Azobenzene	16.257	77	331066	44.885	ng	96
65) 4,6-Dinitro-2-methylph...	16.039	198	62477	69.674	ng	93
66) n-Nitrosodiphenylamine	16.175	169	311511	49.720	ng	96
67) 4-Bromophenyl-phenylether	16.856	248	128476	50.496	ng	95
68) Hexachlorobenzene	16.974	284	144531	49.134	ng	96
69) Atrazine	17.109	200	133651	65.476	ng	100
70) Pentachlorophenol	17.314	266	186325	109.679	ng	95
71) Phenanthrene	17.714	178	681817	53.954	ng	99
72) Anthracene	17.808	178	609090	49.557	ng	99
73) Carbazole	18.066	167	550231	51.004	ng	99
74) Di-n-butylphthalate	18.607	149	647865	57.529	ng	99
75) Fluoranthene	19.700	202	1035749	65.699	ng	98
77) Benzidine	19.870	184	287961	76.423	ng	98
78) Pyrene	20.064	202	953836	65.583	ng	97
80) Butylbenzylphthalate	20.928	149	271369	58.424	ng	97
81) Benzo(a)anthracene	21.944	228	823409	59.261	ng	98
82) 3,3'-Dichlorobenzidine	21.844	252	179844	44.524	ng	94
83) Chrysene	22.021	228	764683	57.101	ng	99
84) Bis(2-ethylhexyl)phtha...	21.827	149	388838	56.329	ng	98
85) Di-n-octyl phthalate	23.119	149	646640	55.804	ng	96
87) Indeno(1,2,3-cd)pyrene	29.388	276	922625	53.542	ng	98
88) Benzo(b)fluoranthene	24.318	252	889228	63.204	ng	99
89) Benzo(k)fluoranthene	24.394	252	775589	54.720	ng	99
90) Benzo(a)pyrene	25.258	252	763401	63.309	ng	98
91) Dibenzo(a,h)anthracene	29.465	278	726257	51.882	ng	99
92) Benzo(g,h,i)perylene	30.646	276	793072	56.439	ng	98

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

