

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122822\
 Data File : BG056142.D
 Acq On : 28 Dec 2022 16:25
 Operator : CG/JU
 Sample : N6220-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-CRMSD

Quant Time: Dec 29 03:38:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

12/29/2022

Supervised By :Yogesh
 Patel

12/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	44942	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	160876	20.000	ng	# 0.00
39) Acenaphthene-d10	14.946	164	128742	20.000	ng	0.00
64) Phenanthrene-d10	17.678	188	341237	20.000	ng	0.00
76) Chrysene-d12	21.979	240	367076	20.000	ng	0.00
86) Perylene-d12	25.427	264	404283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	343091	136.306	ng	0.00
7) Phenol-d6	7.472	99	481272	124.505	ng	0.00
23) Nitrobenzene-d5	9.511	82	246042	78.231	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	205560	126.072	ng	0.00
45) 2-Fluorobiphenyl	13.571	172	705174	75.638	ng	0.00
79) Terphenyl-d14	20.251	244	1473970	71.918	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.671	88	51805	45.060	ng	Qvalue 95
3) Pyridine	4.088	79	138904	39.668	ng	# 96
4) n-Nitrosodimethylamine	4.000	42	31569	44.319	ng	# 97
6) Aniline	7.648	93	120085	23.689	ng	97
8) 2-Chlorophenol	7.895	128	129510	51.706	ng	97
9) Benzaldehyde	7.460	77	75760	32.962	ng	93
10) Phenol	7.501	94	192376	49.074	ng	93
11) bis(2-Chloroethyl)ether	7.736	93	117898	44.380	ng	96
12) 1,3-Dichlorobenzene	8.224	146	151007	49.536	ng	96
13) 1,4-Dichlorobenzene	8.371	146	152644	49.865	ng	97
14) 1,2-Dichlorobenzene	8.694	146	147147	49.818	ng	98
15) Benzyl Alcohol	8.565	79	122709	43.618	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.859	45	20184	42.995	ng	95
17) 2-Methylphenol	8.765	107	125165	43.513	ng	96
18) Hexachloroethane	9.434	117	47063	50.608	ng	94
19) n-Nitroso-di-n-propyla...	9.141	70	87828	37.365	ng	97
20) 3+4-Methylphenols	9.094	107	175519	43.400	ng	98
22) Acetophenone	9.158	105	209031	45.953	ng	# 99
24) Nitrobenzene	9.552	77	138007	44.278	ng	100
25) Isophorone	10.069	82	268429	40.565	ng	98
26) 2-Nitrophenol	10.269	139	76068	47.700	ng	98
27) 2,4-Dimethylphenol	10.310	122	143378	49.294	ng	100
28) bis(2-Chloroethoxy)met...	10.545	93	151492	44.047	ng	97
29) 2,4-Dichlorophenol	10.803	162	160783	50.000	ng	97
30) 1,2,4-Trichlorobenzene	11.027	180	175069	47.976	ng	98
31) Naphthalene	11.221	128	391021	46.184	ng	98
32) Benzoic acid	10.427	122	103959m	48.172	ng	
33) 4-Chloroaniline	11.315	127	64283	15.902	ng	100
34) Hexachlorobutadiene	11.497	225	123553	47.076	ng	97
35) Caprolactam	12.072	113	47223m	43.375	ng	
36) 4-Chloro-3-methylphenol	12.407	107	151409	46.402	ng	98
37) 2-Methylnaphthalene	12.795	142	301162	42.127	ng	98
38) 1-Methylnaphthalene	13.013	142	277971	41.872	ng	99
40) 1,2,4,5-Tetrachloroben...	13.159	216	232097	48.101	ng	99
41) Hexachlorocyclopentadiene	13.136	237	295418	107.387	ng	95
43) 2,4,6-Trichlorophenol	13.383	196	159936	50.126	ng	95

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44) 2,4,5-Trichlorophenol	13.459	196	172096	45.597	ng	99
46) 1,1'-Biphenyl	13.782	154	441320	47.865	ng	99
47) 2-Chloronaphthalene	13.835	162	351052	48.238	ng	98
48) 2-Nitroaniline	14.023	65	71876	46.354	ng	98
49) Acenaphthylene	14.669	152	548006	46.273	ng	99
50) Dimethylphthalate	14.382	163	457096	43.982	ng	98
51) 2,6-Dinitrotoluene	14.505	165	101326	45.755	ng	95
52) Acenaphthene	15.010	154	408469	53.030	ng	100
53) 3-Nitroaniline	14.834	138	49104	23.299	ng	98
54) 2,4-Dinitrophenol	15.040	184	156218	98.745	ng	96
55) Dibenzofuran	15.339	168	580155	45.516	ng	100
56) 4-Nitrophenol	15.128	139	170418	105.137	ng	95
57) 2,4-Dinitrotoluene	15.286	165	144839	46.767	ng	97
58) Fluorene	15.986	166	463961	45.256	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.557	232	172620	48.710	ng	97
60) Diethylphthalate	15.733	149	422600	43.359	ng	98
61) 4-Chlorophenyl-phenylether	15.968	204	284467	44.462	ng	98
62) 4-Nitroaniline	15.991	138	96832	44.853	ng	97
63) Azobenzene	16.256	77	333378	44.325	ng	98
65) 4,6-Dinitro-2-methylph...	16.050	198	106509	46.327	ng	90
66) n-Nitrosodiphenylamine	16.179	169	420537	44.418	ng	98
67) 4-Bromophenyl-phenylether	16.861	248	194348	44.726	ng	98
68) Hexachlorobenzene	16.984	284	195977	48.341	ng	97
69) Atrazine	17.114	200	193157	49.227	ng	97
70) Pentachlorophenol	17.325	266	288340	92.588	ng	97
71) Phenanthrene	17.725	178	834467	47.188	ng	99
72) Anthracene	17.813	178	839904	46.042	ng	100
73) Carbazole	18.077	167	756068	49.307	ng	98
74) Di-n-butylphthalate	18.606	149	738607	48.321	ng	100
75) Fluoranthene	19.711	202	1132792	49.108	ng	99
77) Benzidine	19.875	184	430112	33.436	ng	99
78) Pyrene	20.069	202	1156103	44.684	ng	99
80) Butylbenzylphthalate	20.933	149	339514	45.740	ng	98
81) Benzo(a)anthracene	21.955	228	1188692	46.105	ng	99
82) 3,3'-Dichlorobenzidine	21.855	252	215478	23.217	ng	97
83) Chrysene	22.026	228	1100581	45.572	ng	99
84) Bis(2-ethylhexyl)phtha...	21.826	149	484146	45.272	ng	99
85) Di-n-octyl phthalate	23.112	149	853120	47.255	ng	100
87) Indeno(1,2,3-cd)pyrene	29.417	276	1427551	48.553	ng	100
88) Benzo(b)fluoranthene	24.329	252	1279270	49.803	ng	99
89) Benzo(k)fluoranthene	24.399	252	1209151	47.272	ng	99
90) Benzo(a)pyrene	25.269	252	1125528	44.925	ng	100
91) Dibenzo(a,h)anthracene	29.487	278	1172954	47.583	ng	99
92) Benzo(g,h,i)perylene	30.674	276	1143188	47.823	ng	99

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

