

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG12222\
 Data File : BG056063.D
 Acq On : 22 Dec 2022 15:29
 Operator : CG/JU
 Sample : N6126-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A5(0-6)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 05:16:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	11035	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	38847	20.000	ng	# 0.00
39) Acenaphthene-d10	14.965	164	32370	20.000	ng	0.00
64) Phenanthrene-d10	17.703	188	90397	20.000	ng	# 0.00
76) Chrysene-d12	22.009	240	93674	20.000	ng	0.00
86) Perylene-d12	25.488	264	112766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	68186	144.910	ng	0.00
7) Phenol-d6	7.491	99	83364	137.751	ng	0.00
23) Nitrobenzene-d5	9.530	82	55122	99.159	ng	0.00
42) 2,4,6-Tribromophenol	16.445	330	106497	136.441	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	189441	82.078	ng	0.00
79) Terphenyl-d14	20.276	244	428041	80.760	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.701	88	6742	49.235	ng	97
3) Pyridine	4.113	79	19021	42.208	ng	94
4) n-Nitrosodimethylamine	4.025	42	16810	41.496	ng	87
6) Aniline	7.673	93	16355	22.572	ng	91
8) 2-Chlorophenol	7.914	128	28306	46.628	ng	99
9) Benzaldehyde	7.479	77	16431	43.232	ng	87
10) Phenol	7.521	94	31263	47.201	ng	98
11) bis(2-Chloroethyl)ether	7.756	93	19417	45.006	ng	92
12) 1,3-Dichlorobenzene	8.249	146	33732	42.955	ng	94
13) 1,4-Dichlorobenzene	8.390	146	35249	43.922	ng	100
14) 1,2-Dichlorobenzene	8.719	146	33682	43.916	ng	99
15) Benzyl Alcohol	8.590	79	26373	41.940	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.878	45	28367	50.519	ng	96
17) 2-Methylphenol	8.790	107	23130	44.385	ng	93
18) Hexachloroethane	9.459	117	11106	45.589	ng	86
19) n-Nitroso-di-n-propyla...	9.160	70	17941	41.359	ng	92
20) 3+4-Methylphenols	9.113	107	31904	42.901	ng	99
22) Acetophenone	9.183	105	42844	44.490	ng	96
24) Nitrobenzene	9.571	77	29305	52.374	ng	97
25) Isophorone	10.094	82	52019	44.626	ng	99
26) 2-Nitrophenol	10.288	139	18227	55.027	ng	# 91
27) 2,4-Dimethylphenol	10.329	122	26981m	48.502	ng	
28) bis(2-Chloroethoxy)met...	10.570	93	26500	51.439	ng	96
29) 2,4-Dichlorophenol	10.823	162	36548	46.288	ng	98
30) 1,2,4-Trichlorobenzene	11.046	180	44960	43.804	ng	96
31) Naphthalene	11.240	128	88410	43.132	ng	98
32) Benzoic acid	10.458	122	21965	46.286	ng	86
33) 4-Chloroaniline	11.334	127	8972	10.210	ng	95
34) Hexachlorobutadiene	11.516	225	39490	40.925	ng	91
35) Caprolactam	12.103	113	8793m	39.970	ng	
36) 4-Chloro-3-methylphenol	12.432	107	32826	44.337	ng	95
37) 2-Methylnaphthalene	12.820	142	73658	40.674	ng	98
38) 1-Methylnaphthalene	13.032	142	69122	39.181	ng	99
40) 1,2,4,5-Tetrachloroben...	13.179	216	65687	48.096	ng	99
41) Hexachlorocyclopentadiene	13.155	237	98133	126.656	ng	98
43) 2,4,6-Trichlorophenol	13.408	196	41498	51.330	ng	94

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44) 2,4,5-Trichlorophenol	13.478	196	44517	48.848	ng	99
46) 1,1'-Biphenyl	13.801	154	105342	48.011	ng	99
47) 2-Chloronaphthalene	13.854	162	82773	46.428	ng	96
48) 2-Nitroaniline	14.042	65	21197	59.591	ng	92
49) Acenaphthylene	14.695	152	131783	46.310	ng	99
50) Dimethylphthalate	14.407	163	119432	42.676	ng	99
51) 2,6-Dinitrotoluene	14.530	165	25222	58.239	ng	92
52) Acenaphthene	15.029	154	104882m	54.900	ng	
53) 3-Nitroaniline	14.853	138	8033	18.236	ng	# 87
54) 2,4-Dinitrophenol	15.059	184	38956	120.998	ng	# 80
55) Dibenzofuran	15.358	168	143053	44.529	ng	98
56) 4-Nitrophenol	15.153	139	38091	107.907	ng	97
57) 2,4-Dinitrotoluene	15.311	165	36581	55.959	ng	92
58) Fluorene	16.005	166	113161	43.090	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.582	232	48997	47.061	ng	99
60) Diethylphthalate	15.752	149	111878	40.901	ng	98
61) 4-Chlorophenyl-phenylether	15.987	204	79078	44.202	ng	98
62) 4-Nitroaniline	16.016	138	22049	45.962	ng	98
63) Azobenzene	16.281	77	72797	43.725	ng	99
65) 4,6-Dinitro-2-methylph...	16.069	198	26806	62.075	ng	88
66) n-Nitrosodiphenylamine	16.199	169	105312	44.456	ng	99
67) 4-Bromophenyl-phenylether	16.880	248	58159	43.907	ng	95
68) Hexachlorobenzene	17.004	284	70819	43.406	ng	98
69) Atrazine	17.133	200	51417	47.936	ng	97
70) Pentachlorophenol	17.344	266	90340	96.853	ng	95
71) Phenanthrene	17.744	178	205201	43.316	ng	99
72) Anthracene	17.832	178	205175	43.778	ng	100
73) Carbazole	18.096	167	169634	43.886	ng	97
74) Di-n-butylphthalate	18.631	149	186705	41.534	ng	99
75) Fluoranthene	19.736	202	270932	40.842	ng	99
77) Benzidine	19.894	184	61997	37.686	ng	98
78) Pyrene	20.094	202	271993	47.985	ng	100
80) Butylbenzylphthalate	20.958	149	79082	49.236	ng	98
81) Benzo(a)anthracene	21.986	228	300319	45.561	ng	100
82) 3,3'-Dichlorobenzidine	21.880	252	44922	18.942	ng	95
83) Chrysene	22.056	228	281534	45.572	ng	99
84) Bis(2-ethylhexyl)phtha...	21.857	149	114519	47.990	ng	98
85) Di-n-octyl phthalate	23.155	149	193456	47.792	ng	99
87) Indeno(1,2,3-cd)pyrene	29.512	276	391057	43.125	ng	99
88) Benzo(b)fluoranthene	24.377	252	330152	45.238	ng	99
89) Benzo(k)fluoranthene	24.454	252	323162	44.382	ng	99
90) Benzo(a)pyrene	25.329	252	290428	47.079	ng	99
91) Dibenzo(a,h)anthracene	29.577	278	327704	43.177	ng	97
92) Benzo(g,h,i)perylene	30.770	276	315899	43.048	ng	98

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

