

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059756.D
 Acq On : 18 Nov 2023 9:11
 Operator : MA/JU
 Sample : 05295-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Quant Time: Nov 18 10:33:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	21461	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	101547	20.000	ng	0.00
39) Acenaphthene-d10	14.971	164	74295	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	268193	20.000	ng	# 0.00
76) Chrysene-d12	22.051	240	220033	20.000	ng	# 0.00
86) Perylene-d12	25.641	264	236662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	141950	111.328	ng	0.00
7) Phenol-d6	7.468	99	222064	117.524	ng	0.01
23) Nitrobenzene-d5	9.542	82	198891	74.803	ng	0.00
42) 2,4,6-Tribromophenol	16.457	330	128374	152.288	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	500371	90.655	ng	0.00
79) Terphenyl-d14	20.294	244	1236850	82.983	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.667	88	19245	32.135	ng	# 78
3) Pyridine	4.084	79	61670	37.703	ng	# 83
4) n-Nitrosodimethylamine	4.013	42	55237	63.478	ng	# 57
6) Aniline	7.662	93	65671	26.336	ng	# 94
8) 2-Chlorophenol	7.891	128	67805	49.018	ng	99
9) Benzaldehyde	7.480	77	16813	13.164	ng	# 84
10) Phenol	7.492	94	99880	51.289	ng	87
11) bis(2-Chloroethyl)ether	7.756	93	52892	43.630	ng	98
12) 1,3-Dichlorobenzene	8.220	146	65110	42.376	ng	92
13) 1,4-Dichlorobenzene	8.379	146	71062	46.056	ng	98
14) 1,2-Dichlorobenzene	8.696	146	70087	45.721	ng	88
15) Benzyl Alcohol	8.584	79	108594	50.399	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.866	45	19088m	42.797	ng	
17) 2-Methylphenol	8.766	107	70420	49.094	ng	92
18) Hexachloroethane	9.425	117	30871	47.140	ng	94
19) n-Nitroso-di-n-propyla...	9.148	70	65899	44.288	ng	# 94
20) 3+4-Methylphenols	9.096	107	96038	48.229	ng	94
22) Acetophenone	9.184	105	137949	47.983	ng	# 96
24) Nitrobenzene	9.589	77	109819	44.846	ng	99
25) Isophorone	10.088	82	195392	43.773	ng	# 94
26) 2-Nitrophenol	10.294	139	42467	47.303	ng	89
27) 2,4-Dimethylphenol	10.312	122	73138	40.067	ng	93
28) bis(2-Chloroethoxy)met...	10.576	93	77804	46.384	ng	93
29) 2,4-Dichlorophenol	10.817	162	79734	51.162	ng	82
30) 1,2,4-Trichlorobenzene	11.034	180	76164	48.357	ng	# 85
31) Naphthalene	11.246	128	241384	47.273	ng	99
32) Benzoic acid	10.441	122	63961	51.487	ng	# 75
33) 4-Chloroaniline	11.358	127	42893	19.749	ng	98
34) Hexachlorobutadiene	11.469	225	52288	48.778	ng	98
35) Caprolactam	12.151	113	28358m	49.788	ng	
36) 4-Chloro-3-methylphenol	12.433	107	119686	57.745	ng	# 94
37) 2-Methylnaphthalene	12.821	142	193335	44.955	ng	# 80
38) 1-Methylnaphthalene	13.038	142	184447	46.507	ng	95
40) 1,2,4,5-Tetrachloroben...	13.161	216	104477	52.070	ng	97
41) Hexachlorocyclopentadiene	13.114	237	116106	92.250	ng	90
43) 2,4,6-Trichlorophenol	13.408	196	78086	55.965	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.473	196	89074	54.332	ng	# 86
46) 1,1'-Biphenyl	13.808	154	342688	58.764	ng	98
47) 2-Chloronaphthalene	13.861	162	252587	63.037	ng	95
48) 2-Nitroaniline	14.078	65	100120	69.984	ng	# 82
49) Acenaphthylene	14.707	152	357072	52.262	ng	# 95
50) Dimethylphthalate	14.413	163	302466	52.535	ng	# 94
51) 2,6-Dinitrotoluene	14.560	165	57736	52.861	ng	98
52) Acenaphthene	15.036	154	203218	49.457	ng	93
53) 3-Nitroaniline	14.895	138	41574	32.518	ng	# 84
54) 2,4-Dinitrophenol	15.094	184	77055	94.939	ng	# 65
55) Dibenzofuran	15.371	168	336743	49.707	ng	# 88
56) 4-Nitrophenol	15.177	139	104040	106.368	ng	# 90
57) 2,4-Dinitrotoluene	15.335	165	84160	50.105	ng	# 81
58) Fluorene	16.017	166	286817	50.959	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.576	232	76720	53.236	ng	# 94
60) Diethylphthalate	15.758	149	325115	52.651	ng	99
61) 4-Chlorophenyl-phenyle...	15.999	204	147785	51.013	ng	91
62) 4-Nitroaniline	16.058	138	55847	43.586	ng	# 81
63) Azobenzene	16.293	77	348850	50.838	ng	95
65) 4,6-Dinitro-2-methylph...	16.081	198	52071	31.770	ng	94
66) n-Nitrosodiphenylamine	16.217	169	266159	33.973	ng	# 89
67) 4-Bromophenyl-phenylether	16.898	248	148070	51.392	ng	100
68) Hexachlorobenzene	16.986	284	155930	57.985	ng	# 94
69) Atrazine	17.145	200	173374	69.023	ng	91
70) Pentachlorophenol	17.345	266	209158	101.950	ng	93
71) Phenanthrene	17.762	178	689094	50.537	ng	97
72) Anthracene	17.856	178	700412	49.438	ng	97
73) Carbazole	18.132	167	598926	48.390	ng	98
74) Di-n-butylphthalate	18.631	149	708644	47.367	ng	96
75) Fluoranthene	19.754	202	761007	46.538	ng	98
77) Benzidine	19.942	184	244475	48.999	ng	95
78) Pyrene	20.118	202	728977	48.693	ng	99
80) Butylbenzylphthalate	20.976	149	303287	49.405	ng	97
81) Benzo(a)anthracene	22.027	228	715799	47.545	ng	97
82) 3,3'-Dichlorobenzidine	21.939	252	182040	32.456	ng	93
83) Chrysene	22.104	228	647900	46.946	ng	96
84) Bis(2-ethylhexyl)phtha...	21.857	149	410112	47.790	ng	# 99
85) Di-n-octyl phthalate	23.191	149	704690	42.656	ng	# 95
87) Indeno(1,2,3-cd)pyrene	29.801	276	788852	44.052	ng	# 78
88) Benzo(b)fluoranthene	24.477	252	746483	57.549	ng	99
89) Benzo(k)fluoranthene	24.554	252	654914	51.070	ng	98
90) Benzo(a)pyrene	25.465	252	612482	44.243	ng	# 98
91) Dibenzo(a,h)anthracene	29.901	278	667986	44.090	ng	# 92
92) Benzo(g,h,i)perylene	31.152	276	613429	42.672	ng	99

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

