

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
 Data File : BG059768.D
 Acq On : 20 Nov 2023 14:22
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/21/2023

Supervised By :mohammad ahmed 11/21/2023

Quant Time: Nov 20 15:48:11 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	26118	20.000	ng	0.00
21) Naphthalene-d8	11.185	136	121873	20.000	ng	# 0.00
39) Acenaphthene-d10	14.963	164	98248	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	267081	20.000	ng	0.00
76) Chrysene-d12	22.043	240	165892	20.000	ng	# 0.00
86) Perylene-d12	25.627	264	259206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	103275	66.554	ng	0.00
7) Phenol-d6	7.460	99	169933	73.899	ng	0.00
23) Nitrobenzene-d5	9.534	82	256830	80.484	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	102264	91.738	ng	0.00
45) 2-Fluorobiphenyl	13.588	172	670206	91.822	ng	0.00
79) Terphenyl-d14	20.292	244	1050193	93.455	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.664	88	25907m	35.546	ng	
3) Pyridine	4.087	79	56171	28.218	ng	92
4) n-Nitrosodimethylamine	4.011	42	36058	34.049	ng	# 76
6) Aniline	7.653	93	114171	37.621	ng	92
8) 2-Chlorophenol	7.889	128	65850	39.117	ng	90
9) Benzaldehyde	7.477	77	58519	37.648	ng	78
10) Phenol	7.489	94	89081	37.587	ng	97
11) bis(2-Chloroethyl)ether	7.747	93	52266	35.426	ng	91
12) 1,3-Dichlorobenzene	8.212	146	66596m	35.615	ng	
13) 1,4-Dichlorobenzene	8.370	146	73417	39.098	ng	90
14) 1,2-Dichlorobenzene	8.693	146	72068	38.631	ng	87
15) Benzyl Alcohol	8.576	79	107658	41.056	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.846	45	20745	38.218	ng	# 69
17) 2-Methylphenol	8.758	107	74747	42.819	ng	# 83
18) Hexachloroethane	9.422	117	30147	37.826	ng	# 84
19) n-Nitroso-di-n-propyla...	9.140	70	74713	41.259	ng	97
20) 3+4-Methylphenols	9.093	107	106109	43.786	ng	96
22) Acetophenone	9.181	105	141909	41.128	ng	94
24) Nitrobenzene	9.581	77	114672	39.018	ng	100
25) Isophorone	10.086	82	216252	40.367	ng	97
26) 2-Nitrophenol	10.286	139	40224	37.332	ng	# 86
27) 2,4-Dimethylphenol	10.309	122	84819	38.717	ng	97
28) bis(2-Chloroethoxy)met...	10.568	93	82392	40.927	ng	98
29) 2,4-Dichlorophenol	10.809	162	74554	39.860	ng	74
30) 1,2,4-Trichlorobenzene	11.026	180	80781	42.734	ng	90
31) Naphthalene	11.238	128	248299	40.517	ng	96
32) Benzoic acid	10.427	122	62497m	41.918	ng	
33) 4-Chloroaniline	11.349	127	111465	42.763	ng	96
34) Hexachlorobutadiene	11.461	225	53413	41.518	ng	# 84
35) Caprolactam	12.148	113	30775	45.020	ng	# 67
36) 4-Chloro-3-methylphenol	12.419	107	114592	46.067	ng	96
37) 2-Methylnaphthalene	12.812	142	245244	47.515	ng	# 84
38) 1-Methylnaphthalene	13.030	142	232788	48.907	ng	98
40) 1,2,4,5-Tetrachloroben...	13.153	216	107083	40.358	ng	96
41) Hexachlorocyclopentadiene	13.112	237	78405	47.108	ng	92
43) 2,4,6-Trichlorophenol	13.400	196	73675	39.930	ng	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.470	196	85551	39.461	ng	85
46) 1,1'-Biphenyl	13.799	154	350982	45.513	ng	96
47) 2-Chloronaphthalene	13.858	162	245755	46.379	ng	95
48) 2-Nitroaniline	14.070	65	85111	44.988	ng #	82
49) Acenaphthylene	14.698	152	393077	43.506	ng #	95
50) Dimethylphthalate	14.410	163	362126	47.563	ng	98
51) 2,6-Dinitrotoluene	14.551	165	69043	47.801	ng	90
52) Acenaphthene	15.033	154	229433	42.224	ng	91
53) 3-Nitroaniline	14.892	138	70233	41.542	ng #	98
54) 2,4-Dinitrophenol	15.086	184	44587	41.542	ng #	74
55) Dibenzofuran	15.362	168	388352	43.349	ng #	92
56) 4-Nitrophenol	15.162	139	56113	43.382	ng	91
57) 2,4-Dinitrotoluene	15.333	165	97694	43.982	ng #	95
58) Fluorene	16.008	166	313951	42.181	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.574	232	76383	40.080	ng	95
60) Diethylphthalate	15.750	149	365741	44.790	ng	99
61) 4-Chlorophenyl-phenyle...	15.991	204	162702	42.470	ng	98
62) 4-Nitroaniline	16.050	138	67146	39.628	ng	94
63) Azobenzene	16.285	77	371359	40.924	ng	99
65) 4,6-Dinitro-2-methylph...	16.079	198	59841	36.663	ng	95
66) n-Nitrosodiphenylamine	16.208	169	281069	36.025	ng	95
67) 4-Bromophenyl-phenylether	16.890	248	104067	36.270	ng	88
68) Hexachlorobenzene	16.978	284	101125	37.762	ng	98
69) Atrazine	17.142	200	95571	38.207	ng	98
70) Pentachlorophenol	17.336	266	88494	43.314	ng	93
71) Phenanthrene	17.759	178	609498	44.885	ng	97
72) Anthracene	17.853	178	609614	43.208	ng	97
73) Carbazole	18.129	167	500197	40.581	ng	98
74) Di-n-butylphthalate	18.629	149	606848	40.731	ng	98
75) Fluoranthene	19.751	202	564050	34.637	ng	97
77) Benzidine	19.939	184	167314	44.478	ng #	93
78) Pyrene	20.115	202	548499	48.595	ng	97
80) Butylbenzylphthalate	20.973	149	205873	44.482	ng	94
81) Benzo(a)anthracene	22.025	228	471059	41.500	ng	96
82) 3,3'-Dichlorobenzidine	21.931	252	176830	41.816	ng	91
83) Chrysene	22.095	228	440879	42.371	ng	99
84) Bis(2-ethylhexyl)phtha...	21.849	149	281695	43.539	ng #	99
85) Di-n-octyl phthalate	23.188	149	516791	41.491	ng #	92
87) Indeno(1,2,3-cd)pyrene	29.798	276	776125m	39.571	ng	
88) Benzo(b)fluoranthene	24.469	252	525908	37.018	ng #	95
89) Benzo(k)fluoranthene	24.545	252	540555	38.486	ng #	95
90) Benzo(a)pyrene	25.462	252	587644	38.757	ng #	95
91) Dibenzo(a,h)anthracene	29.869	278	663743	40.000	ng #	96
92) Benzo(g,h,i)perylene	31.114	276	627880	39.878	ng	95

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

