

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060050.D
 Acq On : 16 Dec 2023 1:18
 Operator : MA/JU
 Sample : 05791-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 597-P-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2023
 Supervised By :mohammad ahmed 12/18/2023

Quant Time: Dec 16 02:09:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	57964	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	241052	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	202301	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	651926	20.000	ng	0.00
76) Chrysene-d12	21.613	240	788713	20.000	ng	0.00
86) Perylene-d12	24.798	264	910076	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	429894	126.961	ng	0.00
7) Phenol-d6	7.119	99	557121	116.968	ng	0.00
23) Nitrobenzene-d5	9.116	82	424882	80.037	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	625029	132.574	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1312349	79.396	ng	0.00
79) Terphenyl-d14	19.962	244	3615280	83.686	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	45905	28.650	ng	# 26
3) Pyridine	3.840	79	101137	22.539	ng	92
4) n-Nitrosodimethylamine	3.746	42	79871	36.187	ng	# 75
6) Aniline	7.277	93	162510	33.498	ng	97
8) 2-Chlorophenol	7.518	128	145199	45.252	ng	99
9) Benzaldehyde	7.089	77	58558	20.220	ng	96
10) Phenol	7.142	94	195520	40.863	ng	97
11) bis(2-Chloroethyl)ether	7.377	93	136595	39.877	ng	97
12) 1,3-Dichlorobenzene	7.847	146	162109	37.780	ng	96
13) 1,4-Dichlorobenzene	7.988	146	167317	37.473	ng	97
14) 1,2-Dichlorobenzene	8.305	146	173847	40.470	ng	97
15) Benzyl Alcohol	8.188	79	180287	47.096	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.482	45	293643	47.906	ng	95
17) 2-Methylphenol	8.393	107	146483	45.919	ng	92
18) Hexachloroethane	9.040	117	53358	39.450	ng	90
19) n-Nitroso-di-n-propyla...	8.758	70	139436	45.375	ng	# 88
20) 3+4-Methylphenols	8.717	107	197425	44.308	ng	95
22) Acetophenone	8.775	105	284656	40.523	ng	95
24) Nitrobenzene	9.157	77	213425	39.601	ng	94
25) Isophorone	9.680	82	399032	39.274	ng	# 96
26) 2-Nitrophenol	9.868	139	86326	43.553	ng	# 87
27) 2,4-Dimethylphenol	9.927	122	142171	52.329	ng	98
28) bis(2-Chloroethoxy)met...	10.168	93	201494	38.411	ng	98
29) 2,4-Dichlorophenol	10.403	162	209506	42.935	ng	95
30) 1,2,4-Trichlorobenzene	10.626	180	240168	36.361	ng	98
31) Naphthalene	10.814	128	489322	38.994	ng	97
32) Benzoic acid	9.992	122	41970m	16.982	ng	
33) 4-Chloroaniline	10.914	127	90431	18.939	ng	# 91
34) Hexachlorobutadiene	11.096	225	199899	33.067	ng	94
35) Caprolactam	11.690	113	56682m	45.726	ng	
36) 4-Chloro-3-methylphenol	12.036	107	204730	46.132	ng	96
37) 2-Methylnaphthalene	12.424	142	385905	39.210	ng	96
38) 1-Methylnaphthalene	12.636	142	384686	39.568	ng	100
40) 1,2,4,5-Tetrachloroben...	12.782	216	400514	37.976	ng	99
41) Hexachlorocyclopentadiene	12.765	237	456954	104.865	ng	94
43) 2,4,6-Trichlorophenol	13.023	196	243301	41.144	ng	96

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44) 2,4,5-Trichlorophenol	13.094	196	274950	42.747	ng	99
46) 1,1'-Biphenyl	13.429	154	626254	41.742	ng	100
47) 2-Chloronaphthalene	13.470	162	498100	38.336	ng	95
48) 2-Nitroaniline	13.670	65	146736	52.317	ng	96
49) Acenaphthylene	14.316	152	823550	46.337	ng	99
50) Dimethylphthalate	14.052	163	685606	43.661	ng	100
51) 2,6-Dinitrotoluene	14.163	165	139563	42.905	ng	95
52) Acenaphthene	14.657	154	508457m	41.560	ng	
53) 3-Nitroaniline	14.492	138	99701	38.357	ng	# 85
54) 2,4-Dinitrophenol	14.692	184	78514	32.761	ng	# 82
55) Dibenzofuran	14.992	168	859576	43.167	ng	98
56) 4-Nitrophenol	14.798	139	198238	90.745	ng	97
57) 2,4-Dinitrotoluene	14.951	165	214038	46.809	ng	95
58) Fluorene	15.644	166	728463	43.383	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.215	232	307226	45.886	ng	99
60) Diethylphthalate	15.415	149	658092	45.548	ng	97
61) 4-Chlorophenyl-phenyle...	15.638	204	495550	40.978	ng	94
62) 4-Nitroaniline	15.661	138	138005	48.758	ng	96
63) Azobenzene	15.926	77	603300	42.352	ng	97
65) 4,6-Dinitro-2-methylph...	15.708	198	88984	21.770	ng	90
66) n-Nitrosodiphenylamine	15.849	169	686026	43.075	ng	100
67) 4-Bromophenyl-phenylether	16.531	248	357904	38.910	ng	# 96
68) Hexachlorobenzene	16.643	284	420309	39.088	ng	# 95
70) Pentachlorophenol	16.989	266	409803	58.829	ng	95
71) Phenanthrene	17.383	178	1395662	44.198	ng	100
72) Anthracene	17.477	178	1435172	45.203	ng	98
73) Carbazole	17.741	167	1205599	44.685	ng	100
74) Di-n-butylphthalate	18.311	149	1170769	47.568	ng	98
75) Fluoranthene	19.398	202	1979682	42.962	ng	97
77) Benzidine	19.580	184	403241	39.803	ng	98
78) Pyrene	19.763	202	2024989	42.354	ng	99
80) Butylbenzylphthalate	20.656	149	472395	55.015	ng	95
81) Benzo(a)anthracene	21.596	228	2303372	43.476	ng	99
82) 3,3'-Dichlorobenzidine	21.513	252	646005	37.056	ng	97
83) Chrysene	21.660	228	2132573	42.487	ng	99
84) Bis(2-ethylhexyl)phtha...	21.508	149	681215	52.341	ng	# 99
85) Di-n-octyl phthalate	22.712	149	1213939	53.922	ng	97
87) Indeno(1,2,3-cd)pyrene	28.435	276	2843358	43.778	ng	# 98
88) Benzo(b)fluoranthene	23.787	252	2400588	42.711	ng	100
89) Benzo(k)fluoranthene	23.858	252	2261724	41.485	ng	99
90) Benzo(a)pyrene	24.651	252	2113384	42.440	ng	99
91) Dibenzo(a,h)anthracene	28.499	278	2415205	44.469	ng	97
92) Benzo(g,h,i)perylene	29.580	276	2258708	41.810	ng	100

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

