

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059867.D
 Acq On : 24 Nov 2023 21:03
 Operator : MA/JU
 Sample : 05449-10MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-04MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 25 01:01:48 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 24 15:11:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	33488	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	144885	20.000	ng	# 0.00
39) Acenaphthene-d10	14.952	164	114902	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	250498	20.000	ng	0.00
76) Chrysene-d12	22.026	240	189366	20.000	ng	# 0.00
86) Perylene-d12	25.598	264	218711	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	95863	48.182	ng	0.00
7) Phenol-d6	7.443	99	172611	58.544	ng	0.00
23) Nitrobenzene-d5	9.523	82	207090	54.589	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	70116	53.782	ng	0.00
45) 2-Fluorobiphenyl	13.571	172	512434	60.030	ng	0.00
79) Terphenyl-d14	20.275	244	792144	61.753	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.641	88	28466	30.462	ng	# 91
3) Pyridine	4.059	79	76700	30.051	ng	# 91
4) n-Nitrosodimethylamine	3.988	42	68618	50.535	ng	# 67
6) Aniline	7.637	93	112111	28.812	ng	# 81
8) 2-Chlorophenol	7.872	128	80577	37.331	ng	# 75
9) Benzaldehyde	7.461	77	14930	7.491	ng	# 76
10) Phenol	7.478	94	109421	36.009	ng	# 73
11) bis(2-Chloroethyl)ether	7.731	93	63700	33.674	ng	# 79
12) 1,3-Dichlorobenzene	8.201	146	83393	34.783	ng	94
13) 1,4-Dichlorobenzene	8.354	146	119076	49.458	ng	91
14) 1,2-Dichlorobenzene	8.671	146	113423	47.418	ng	91
15) Benzyl Alcohol	8.565	79	171037	50.871	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.824	45	29395	42.236	ng	84
17) 2-Methylphenol	8.747	107	110493	49.366	ng	93
18) Hexachloroethane	9.405	117	49529	48.468	ng	92
19) n-Nitroso-di-n-propyla...	9.129	70	108227	46.613	ng	# 92
20) 3+4-Methylphenols	9.082	107	158768	51.097	ng	92
22) Acetophenone	9.164	105	208541	50.840	ng	# 89
24) Nitrobenzene	9.564	77	176984	50.656	ng	92
25) Isophorone	10.069	82	317533	49.858	ng	98
26) 2-Nitrophenol	10.275	139	62435	48.742	ng	92
27) 2,4-Dimethylphenol	10.298	122	122187	46.915	ng	86
28) bis(2-Chloroethoxy)met...	10.551	93	123316	51.526	ng	93
29) 2,4-Dichlorophenol	10.798	162	126388	56.840	ng	94
30) 1,2,4-Trichlorobenzene	11.009	180	131628	58.573	ng	89
31) Naphthalene	11.221	128	385418	52.903	ng	# 93
32) Benzoic acid	10.428	122	98799	55.742	ng	# 79
33) 4-Chloroaniline	11.338	127	124950	40.323	ng	92
34) Hexachlorobutadiene	11.444	225	89394	58.449	ng	95
35) Caprolactam	12.132	113	44684m	54.985	ng	
36) 4-Chloro-3-methylphenol	12.414	107	180787	61.134	ng	# 93
37) 2-Methylnaphthalene	12.801	142	313432	51.081	ng	88
38) 1-Methylnaphthalene	13.019	142	304454	53.804	ng	97
40) 1,2,4,5-Tetrachloroben...	13.142	216	164066	52.871	ng	97
41) Hexachlorocyclopentadiene	13.095	237	215633	110.780	ng	90
43) 2,4,6-Trichlorophenol	13.383	196	115329m	53.446	ng	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.459	196	130466	51.456	ng	# 86
46) 1,1'-Biphenyl	13.788	154	463123	51.350	ng	93
47) 2-Chloronaphthalene	13.841	162	327245	52.806	ng	99
48) 2-Nitroaniline	14.059	65	126406	57.132	ng	# 89
49) Acenaphthylene	14.687	152	558108	52.818	ng	# 95
50) Dimethylphthalate	14.394	163	463674	52.073	ng	99
51) 2,6-Dinitrotoluene	14.540	165	85907	50.856	ng	# 78
52) Acenaphthene	15.016	154	316837	49.858	ng	98
53) 3-Nitroaniline	14.875	138	84882	42.930	ng	95
54) 2,4-Dinitrophenol	15.081	184	123881	98.691	ng	# 69
55) Dibenzofuran	15.351	168	545626	52.077	ng	90
56) 4-Nitrophenol	15.157	139	148462	98.142	ng	95
57) 2,4-Dinitrotoluene	15.322	165	128534	49.479	ng	96
58) Fluorene	15.998	166	466466	53.588	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.557	232	118355	53.102	ng	97
60) Diethylphthalate	15.739	149	522475	54.711	ng	98
61) 4-Chlorophenyl-phenyle...	15.974	204	243272	54.297	ng	95
62) 4-Nitroaniline	16.045	138	87854	44.334	ng	# 71
63) Azobenzene	16.268	77	532244	50.153	ng	92
65) 4,6-Dinitro-2-methylph...	16.068	198	78842	51.502	ng	82
66) n-Nitrosodiphenylamine	16.197	169	418954	57.253	ng	95
67) 4-Bromophenyl-phenylether	16.873	248	159416	59.238	ng	98
68) Hexachlorobenzene	16.967	284	152486	60.710	ng	# 93
69) Atrazine	17.132	200	180934	77.121	ng	96
70) Pentachlorophenol	17.325	266	195162	101.847	ng	94
71) Phenanthrene	17.748	178	684802	53.770	ng	96
72) Anthracene	17.837	178	704535	53.242	ng	99
73) Carbazole	18.113	167	589042	50.953	ng	97
74) Di-n-butylphthalate	18.612	149	742790	53.156	ng	99
75) Fluoranthene	19.740	202	683640	44.760	ng	98
77) Benzidine	19.928	184	333380	77.638	ng	97
78) Pyrene	20.105	202	680632	52.826	ng	97
80) Butylbenzylphthalate	20.956	149	271050	51.305	ng	92
81) Benzo(a)anthracene	22.002	228	653267	50.418	ng	99
82) 3,3'-Dichlorobenzidine	21.914	252	222977	46.192	ng	# 93
83) Chrysene	22.079	228	587359	49.451	ng	97
84) Bis(2-ethylhexyl)phtha...	21.826	149	380267	51.489	ng	# 98
85) Di-n-octyl phthalate	23.154	149	626996	44.099	ng	# 95
87) Indeno(1,2,3-cd)pyrene	29.752	276	814757	49.233	ng	# 81
88) Benzo(b)fluoranthene	24.447	252	663563	55.355	ng	95
89) Benzo(k)fluoranthene	24.523	252	617368	52.094	ng	# 97
90) Benzo(a)pyrene	25.428	252	573321	44.814	ng	# 98
91) Dibenzo(a,h)anthracene	29.834	278	688155	49.149	ng	# 90
92) Benzo(g,h,i)perylene	31.068	276	651245	49.021	ng	95

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

