

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057173.D
 Acq On : 25 Apr 2023 12:35
 Operator : CG/JU
 Sample : 02423-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPD-1WC-23-04-18MS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

04/26/2023

Supervised By :Jagrut
 Upadhyay

04/26/2023

Quant Time: Apr 25 23:57:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.381	152	17796	20.000	ng	0.00
21) Naphthalene-d8	11.218	136	72368	20.000	ng	0.00
39) Acenaphthene-d10	14.995	164	54623	20.000	ng	0.00
64) Phenanthrene-d10	17.733	188	138032	20.000	ng	0.00
76) Chrysene-d12	22.050	240	122876	20.000	ng	# 0.00
86) Perylene-d12	25.557	264	127795	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.902	112	142867	145.482	ng	0.00
7) Phenol-d6	7.523	99	194747	137.063	ng	0.00
23) Nitrobenzene-d5	9.561	82	142968	97.665	ng	0.00
42) 2,4,6-Tribromophenol	16.476	330	94909	131.689	ng	0.00
45) 2-Fluorobiphenyl	13.621	172	332220	81.738	ng	0.00
79) Terphenyl-d14	20.300	244	613298	87.302	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.710	88	21016	47.758	ng	# 30
3) Pyridine	4.139	79	48003	35.953	ng	90
4) n-Nitrosodimethylamine	4.039	42	30758	63.863	ng	84
6) Aniline	7.693	93	58369	31.457	ng	97
8) 2-Chlorophenol	7.940	128	55953	54.389	ng	98
9) Benzaldehyde	7.505	77	37647	44.236	ng	90
10) Phenol	7.546	94	73570	52.146	ng	94
11) bis(2-Chloroethyl)ether	7.781	93	55877	50.471	ng	95
12) 1,3-Dichlorobenzene	8.269	146	57137	46.885	ng	95
13) 1,4-Dichlorobenzene	8.416	146	60268	49.071	ng	99
14) 1,2-Dichlorobenzene	8.745	146	58388	49.238	ng	99
15) Benzyl Alcohol	8.616	79	66689	63.697	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.903	45	74011	50.460	ng	95
17) 2-Methylphenol	8.815	107	52994	51.331	ng	94
18) Hexachloroethane	9.479	117	21620	51.890	ng	96
19) n-Nitroso-di-n-propyla...	9.185	70	54347	61.495	ng	92
20) 3+4-Methylphenols	9.144	107	74240	52.545	ng	98
22) Acetophenone	9.209	105	97118	49.470	ng	# 94
24) Nitrobenzene	9.602	77	80100	54.499	ng	95
25) Isophorone	10.119	82	150132	53.469	ng	97
26) 2-Nitrophenol	10.319	139	29484	53.696	ng	# 83
27) 2,4-Dimethylphenol	10.360	122	58065	55.020	ng	96
28) bis(2-Chloroethoxy)met...	10.595	93	77233	52.472	ng	98
29) 2,4-Dichlorophenol	10.860	162	62494	53.158	ng	95
30) 1,2,4-Trichlorobenzene	11.077	180	64681	44.992	ng	93
31) Naphthalene	11.271	128	177019	46.053	ng	99
33) 4-Chloroaniline	11.371	127	21770	12.882	ng	# 92
34) Hexachlorobutadiene	11.541	225	45913	43.312	ng	97
35) Caprolactam	12.134	113	16074m	49.378	ng	
36) 4-Chloro-3-methylphenol	12.463	107	70811	55.990	ng	95
37) 2-Methylnaphthalene	12.845	142	132517	43.810	ng	95
38) 1-Methylnaphthalene	13.062	142	126144	45.170	ng	99
40) 1,2,4,5-Tetrachloroben...	13.209	216	89590	44.824	ng	98
41) Hexachlorocyclopentadiene	13.180	237	87587	101.135	ng	98
43) 2,4,6-Trichlorophenol	13.438	196	58321	53.898	ng	99
44) 2,4,5-Trichlorophenol	13.515	196	64758	49.572	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.832	154	191603	47.060	ng	99
47) 2-Chloronaphthalene	13.885	162	145994	47.509	ng	99
48) 2-Nitroaniline	14.079	65	46186	58.977	ng	88
49) Acenaphthylene	14.725	152	231807	47.519	ng	99
50) Dimethylphthalate	14.431	163	203181	53.001	ng	99
51) 2,6-Dinitrotoluene	14.560	165	43225	54.018	ng	92
52) Acenaphthene	15.060	154	148852	46.703	ng	99
53) 3-Nitroaniline	14.889	138	26260	33.048	ng	94
54) 2,4-Dinitrophenol	15.101	184	8937	24.574	ng	# 85
55) Dibenzofuran	15.389	168	238347	46.154	ng	96
56) 4-Nitrophenol	15.189	139	54377	97.223	ng	84
57) 2,4-Dinitrotoluene	15.342	165	59257	54.377	ng	94
58) Fluorene	16.035	166	197759	47.565	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.612	232	59137	52.849	ng	100
60) Diethylphthalate	15.776	149	200791	54.337	ng	99
61) 4-Chlorophenyl-phenyle...	16.011	204	117162	46.951	ng	97
62) 4-Nitroaniline	16.053	138	41106	51.375	ng	# 80
63) Azobenzene	16.305	77	219420	55.818	ng	96
65) 4,6-Dinitro-2-methylph...	16.105	198	14993	23.679	ng	95
66) n-Nitrosodiphenylamine	16.229	169	176339	48.961	ng	96
67) 4-Bromophenyl-phenylether	16.910	248	76070	45.827	ng	98
68) Hexachlorobenzene	17.039	284	79130	46.476	ng	97
69) Atrazine	17.163	200	75727	65.829	ng	95
70) Pentachlorophenol	17.380	266	53247	66.547	ng	99
71) Phenanthrene	17.780	178	340170	48.274	ng	99
72) Anthracene	17.868	178	338756	47.544	ng	99
73) Carbazole	18.132	167	298732	49.670	ng	99
74) Di-n-butylphthalate	18.649	149	316743	56.617	ng	98
75) Fluoranthene	19.765	202	413352	47.215	ng	99
77) Benzidine	19.930	184	78294	42.285	ng	99
78) Pyrene	20.124	202	416012	49.866	ng	100
80) Butylbenzylphthalate	20.981	149	116991	53.447	ng	96
81) Benzo(a)anthracene	22.027	228	411554	48.714	ng	99
82) 3,3'-Dichlorobenzidine	21.921	252	91327	41.302	ng	98
83) Chrysene	22.097	228	379471	46.576	ng	100
84) Bis(2-ethylhexyl)phtha...	21.874	149	175675	50.806	ng	97
85) Di-n-octyl phthalate	23.178	149	296744	53.846	ng	98
87) Indeno(1,2,3-cd)pyrene	29.628	276	453223	49.510	ng	# 89
88) Benzo(b)fluoranthene	24.435	252	413883	51.665	ng	99
89) Benzo(k)fluoranthene	24.512	252	408746	49.328	ng	98
90) Benzo(a)pyrene	25.399	252	358527	45.439	ng	99
91) Dibenzo(a,h)anthracene	29.687	278	378456	49.791	ng	97
92) Benzo(g,h,i)perylene	30.903	276	366254	48.701	ng	# 97

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

Manual Integrations

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