

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057498.D
 Acq On : 22 May 2023 17:58
 Operator : CG/JU
 Sample : 02864-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-289MS

Quant Time: May 23 04:06:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 05/23/2023
 Supervised By :Jagrut
 Upadhyay
 05/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.354	152	21012	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	79819	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	58401	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	143577	20.000	ng	0.00
76) Chrysene-d12	22.018	240	130827	20.000	ng	0.00
86) Perylene-d12	25.519	264	142044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	136605	111.212	ng	0.00
7) Phenol-d6	7.502	99	186434	99.950	ng	0.00
23) Nitrobenzene-d5	9.534	82	137527	72.315	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	106271	128.246	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	328576	75.774	ng	0.00
79) Terphenyl-d14	20.279	244	656421	81.881	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.678	88	16369	32.230	ng	# 51
3) Pyridine	4.112	79	40091	24.563	ng	94
4) n-Nitrosodimethylamine	4.007	42	24438	31.861	ng	91
6) Aniline	7.672	93	54790	23.155	ng	93
8) 2-Chlorophenol	7.919	128	52203	40.220	ng	98
9) Benzaldehyde	7.484	77	36425	36.150	ng	97
10) Phenol	7.531	94	63023	34.660	ng	98
11) bis(2-Chloroethyl)ether	7.755	93	50738	37.005	ng	98
12) 1,3-Dichlorobenzene	8.242	146	56058	39.132	ng	98
13) 1,4-Dichlorobenzene	8.395	146	56432	39.218	ng	93
14) 1,2-Dichlorobenzene	8.718	146	54650	39.342	ng	97
15) Benzyl Alcohol	8.595	79	59073	38.016	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.871	45	60542	35.033	ng	98
17) 2-Methylphenol	8.800	107	47107	35.940	ng	98
18) Hexachloroethane	9.452	117	19514	37.579	ng	88
19) n-Nitroso-di-n-propyla...	9.159	70	46761	32.877	ng	97
20) 3+4-Methylphenols	9.129	107	64769	36.088	ng	93
22) Acetophenone	9.188	105	85773	37.545	ng	# 95
24) Nitrobenzene	9.581	77	67612	35.224	ng	95
25) Isophorone	10.098	82	127624	34.608	ng	97
26) 2-Nitrophenol	10.298	139	30539	41.565	ng	91
27) 2,4-Dimethylphenol	10.339	122	51733	40.211	ng	96
28) bis(2-Chloroethoxy)met...	10.568	93	67717	36.654	ng	100
29) 2,4-Dichlorophenol	10.839	162	58065	42.553	ng	99
30) 1,2,4-Trichlorobenzene	11.050	180	60847	38.661	ng	95
31) Naphthalene	11.244	128	162386	38.054	ng	99
32) Benzoic acid	10.480	122	17118m	25.523	ng	
33) 4-Chloroaniline	11.350	127	23312	12.165	ng	95
34) Hexachlorobutadiene	11.514	225	43611	37.343	ng	93
35) Caprolactam	12.119	113	17005	36.482	ng	91
36) 4-Chloro-3-methylphenol	12.448	107	63893	41.203	ng	97
37) 2-Methylnaphthalene	12.824	142	120270	35.847	ng	92
38) 1-Methylnaphthalene	13.041	142	114108	36.083	ng	99
40) 1,2,4,5-Tetrachloroben...	13.182	216	81971	39.537	ng	99
41) Hexachlorocyclopentadiene	13.153	237	74306	74.990	ng	99
43) 2,4,6-Trichlorophenol	13.423	196	55005	43.547	ng	99

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44) 2,4,5-Trichlorophenol	13.500	196	59711	40.188	ng	96
46) 1,1'-Biphenyl	13.805	154	173561	40.050	ng	98
47) 2-Chloronaphthalene	13.858	162	131747	40.883	ng	100
48) 2-Nitroaniline	14.058	65	43842	40.012	ng	95
49) Acenaphthylene	14.698	152	207401	39.615	ng	99
50) Dimethylphthalate	14.410	163	183456	38.227	ng	98
51) 2,6-Dinitrotoluene	14.539	165	40874	41.714	ng	# 84
52) Acenaphthene	15.033	154	129770	39.667	ng	98
53) 3-Nitroaniline	14.874	138	24657	25.118	ng	86
54) 2,4-Dinitrophenol	15.086	184	43113	71.598	ng	98
55) Dibenzofuran	15.368	168	215376	39.183	ng	97
56) 4-Nitrophenol	15.180	139	53536	81.999	ng	92
57) 2,4-Dinitrotoluene	15.327	165	59160	42.246	ng	89
58) Fluorene	16.014	166	177653	39.237	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.591	232	57528	42.707	ng	99
60) Diethylphthalate	15.750	149	185548	38.071	ng	99
61) 4-Chlorophenyl-phenyle...	15.990	204	105759	38.774	ng	98
62) 4-Nitroaniline	16.032	138	39190	39.574	ng	96
63) Azobenzene	16.284	77	168572	35.848	ng	97
65) 4,6-Dinitro-2-methylph...	16.096	198	36943	43.097	ng	97
66) n-Nitrosodiphenylamine	16.208	169	156815	40.214	ng	100
67) 4-Bromophenyl-phenylether	16.883	248	68573	39.124	ng	99
68) Hexachlorobenzene	17.018	284	75755	44.477	ng	94
69) Atrazine	17.136	200	70095	47.121	ng	98
70) Pentachlorophenol	17.365	266	71190	72.524	ng	97
71) Phenanthrene	17.753	178	296462	40.296	ng	100
72) Anthracene	17.847	178	300451	39.800	ng	99
73) Carbazole	18.111	167	269352	42.382	ng	99
74) Di-n-butylphthalate	18.628	149	310059	42.403	ng	# 98
75) Fluoranthene	19.744	202	362443	39.610	ng	99
77) Benzidine	19.920	184	39104m	13.370	ng	
78) Pyrene	20.103	202	365397	38.436	ng	99
80) Butylbenzylphthalate	20.954	149	132433	43.904	ng	96
81) Benzo(a)anthracene	21.994	228	374603	40.189	ng	99
82) 3,3'-Dichlorobenzidine	21.894	252	96495	32.321	ng	99
83) Chrysene	22.070	228	339535	38.716	ng	100
84) Bis(2-ethylhexyl)phtha...	21.841	149	191356	42.877	ng	99
85) Di-n-octyl phthalate	23.128	149	320980	43.141	ng	97
87) Indeno(1,2,3-cd)pyrene	29.572	276	413698	39.962	ng	99
88) Benzo(b)fluoranthene	24.397	252	377105	40.613	ng	100
89) Benzo(k)fluoranthene	24.467	252	361770	38.341	ng	99
90) Benzo(a)pyrene	25.348	252	328240	36.184	ng	98
91) Dibenzo(a,h)anthracene	29.619	278	347580	40.316	ng	98
92) Benzo(g,h,i)perylene	30.835	276	334414	39.725	ng	98

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

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