

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057475.D
 Acq On : 19 May 2023 20:14
 Operator : CG/JU
 Sample : 02848-10MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP5MS

Quant Time: May 20 04:29:37 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 05/22/2023
 Supervised By : Jagrut Upadhyay 05/22/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.354	152	16479	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	64580	20.000	ng	0.00
39) Acenaphthene-d10	14.968	164	49805	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	127307	20.000	ng	0.00
76) Chrysene-d12	22.018	240	116820	20.000	ng	0.00
86) Perylene-d12	25.507	264	127382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	82342	85.476	ng	0.00
7) Phenol-d6	7.496	99	121312	82.927	ng	0.00
23) Nitrobenzene-d5	9.534	82	74849	48.645	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	60713	85.913	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	188709	51.030	ng	0.00
79) Terphenyl-d14	20.279	244	332835	46.495	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.666	88	17071	42.858	ng	98
3) Pyridine	4.089	79	43916	34.308	ng	98
4) n-Nitrosodimethylamine	4.001	42	26783	44.523	ng	# 97
6) Aniline	7.666	93	58567	31.559	ng	96
8) 2-Chlorophenol	7.913	128	53717	52.771	ng	97
9) Benzaldehyde	7.478	77	39175	52.715	ng	94
10) Phenol	7.525	94	73621	51.626	ng	98
11) bis(2-Chloroethyl)ether	7.755	93	47859	44.507	ng	98
12) 1,3-Dichlorobenzene	8.242	146	57675	51.336	ng	98
13) 1,4-Dichlorobenzene	8.389	146	58459	51.802	ng	98
14) 1,2-Dichlorobenzene	8.718	146	55875	51.288	ng	97
15) Benzyl Alcohol	8.589	79	58274	47.817	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.877	45	56999m	42.055	ng	
17) 2-Methylphenol	8.794	107	49428	48.084	ng	97
18) Hexachloroethane	9.452	117	20739	50.924	ng	94
19) n-Nitroso-di-n-propyla...	9.159	70	45481	40.773	ng	97
20) 3+4-Methylphenols	9.123	107	69592	49.441	ng	95
22) Acetophenone	9.182	105	85571	46.295	ng	95
24) Nitrobenzene	9.576	77	67860	43.695	ng	96
25) Isophorone	10.098	82	123708	41.462	ng	97
26) 2-Nitrophenol	10.298	139	30859	51.911	ng	93
27) 2,4-Dimethylphenol	10.339	122	56127	53.921	ng	98
28) bis(2-Chloroethoxy)met...	10.568	93	66356	44.393	ng	97
29) 2,4-Dichlorophenol	10.833	162	59094	53.526	ng	93
30) 1,2,4-Trichlorobenzene	11.050	180	61709	48.460	ng	98
31) Naphthalene	11.244	128	162036	46.933	ng	99
32) Benzoic acid	10.492	122	32421	53.422	ng	91
33) 4-Chloroaniline	11.344	127	41206	26.576	ng	96
34) Hexachlorobutadiene	11.514	225	44802	47.416	ng	96
35) Caprolactam	12.119	113	18983m	50.336	ng	
36) 4-Chloro-3-methylphenol	12.442	107	65746	52.403	ng	97
37) 2-Methylnaphthalene	12.824	142	125133	46.098	ng	95
38) 1-Methylnaphthalene	13.036	142	117151	45.787	ng	99
40) 1,2,4,5-Tetrachloroben...	13.182	216	88521	50.065	ng	99
41) Hexachlorocyclopentadiene	13.153	237	67244	79.191	ng	98
43) 2,4,6-Trichlorophenol	13.417	196	58019	53.861	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.494	196	62876	49.622	ng	96
46) 1,1'-Biphenyl	13.805	154	181559	49.127	ng	97
47) 2-Chloronaphthalene	13.858	162	138300	50.323	ng	98
48) 2-Nitroaniline	14.058	65	45310	48.489	ng	96
49) Acenaphthylene	14.698	152	216905	48.581	ng	100
50) Dimethylphthalate	14.410	163	184403	45.056	ng	99
51) 2,6-Dinitrotoluene	14.539	165	40806	48.832	ng	90
52) Acenaphthene	15.033	154	133612	47.890	ng	99
53) 3-Nitroaniline	14.874	138	28713	34.298	ng	90
54) 2,4-Dinitrophenol	15.086	184	49691	95.037	ng	96
55) Dibenzofuran	15.368	168	222175	47.396	ng	98
56) 4-Nitrophenol	15.180	139	59984	107.732	ng	93
57) 2,4-Dinitrotoluene	15.327	165	58732	49.178	ng #	92
58) Fluorene	16.014	166	185015	47.916	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.591	232	60217	52.418	ng #	100
60) Diethylphthalate	15.750	149	186939	44.977	ng	98
61) 4-Chlorophenyl-phenyle...	15.990	204	109017	46.867	ng	97
62) 4-Nitroaniline	16.032	138	40549	48.013	ng	98
63) Azobenzene	16.284	77	180644	45.045	ng	96
65) 4,6-Dinitro-2-methylph...	16.090	198	41197	54.202	ng	97
66) n-Nitrosodiphenylamine	16.202	169	163606	47.317	ng	99
67) 4-Bromophenyl-phenylether	16.883	248	73934	47.574	ng	96
68) Hexachlorobenzene	17.018	284	78433	51.934	ng	94
69) Atrazine	17.136	200	74319	56.346	ng	98
70) Pentachlorophenol	17.359	266	79221	91.020	ng	97
71) Phenanthrene	17.753	178	312860	47.959	ng	100
72) Anthracene	17.847	178	316203	47.240	ng	98
73) Carbazole	18.111	167	277889	49.314	ng	98
74) Di-n-butylphthalate	18.628	149	307942	47.496	ng	98
75) Fluoranthene	19.744	202	379193	46.736	ng	99
77) Benzidine	19.909	184	110372	42.261	ng	99
78) Pyrene	20.103	202	386556	45.537	ng	100
80) Butylbenzylphthalate	20.954	149	135973	50.483	ng	93
81) Benzo(a)anthracene	21.994	228	392660	47.178	ng	99
82) 3,3'-Dichlorobenzidine	21.894	252	100999	37.885	ng	98
83) Chrysene	22.065	228	356376	45.508	ng	99
84) Bis(2-ethylhexyl)phtha...	21.841	149	195289	49.005	ng	100
85) Di-n-octyl phthalate	23.128	149	331888	49.955	ng	97
87) Indeno(1,2,3-cd)pyrene	29.554	276	444283	47.856	ng	99
88) Benzo(b)fluoranthene	24.391	252	398032	47.801	ng	99
89) Benzo(k)fluoranthene	24.461	252	391080	46.218	ng	100
90) Benzo(a)pyrene	25.348	252	352800	43.368	ng	98
91) Dibenzo(a,h)anthracene	29.613	278	371763	48.084	ng	98
92) Benzo(g,h,i)perylene	30.817	276	356326	47.201	ng	100

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

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