

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057413.D
 Acq On : 12 May 2023 17:33
 Operator : CG/JU
 Sample : 02643-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FSND-IDW-AQ-05042023MS

Quant Time: May 13 03:16:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/15/2023
 Supervised By : Yogesh Patel 05/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	15134	20.000	ng	0.00
21) Naphthalene-d8	11.204	136	63284	20.000	ng	# 0.00
39) Acenaphthene-d10	14.981	164	50932	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	130351	20.000	ng	0.00
76) Chrysene-d12	22.031	240	114677	20.000	ng	0.00
86) Perylene-d12	25.538	264	124107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	63444	71.711	ng	0.00
7) Phenol-d6	7.503	99	94614	70.425	ng	0.00
23) Nitrobenzene-d5	9.542	82	74878	49.660	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	70092	96.990	ng	0.00
45) 2-Fluorobiphenyl	13.607	172	216112	57.147	ng	0.00
79) Terphenyl-d14	20.286	244	442246	62.934	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.673	88	7944	21.716	ng	# 92
3) Pyridine	4.108	79	13385	11.386	ng	96
4) n-Nitrosodimethylamine	4.008	42	11876	21.497	ng	94
6) Aniline	7.680	93	26456	15.523	ng	94
8) 2-Chlorophenol	7.926	128	24877	26.611	ng	97
9) Benzaldehyde	7.486	77	15174	17.343	ng	91
10) Phenol	7.533	94	30202	23.061	ng	100
11) bis(2-Chloroethyl)ether	7.762	93	23437	23.732	ng	97
12) 1,3-Dichlorobenzene	8.255	146	26366	25.554	ng	95
13) 1,4-Dichlorobenzene	8.402	146	27756	26.781	ng	98
14) 1,2-Dichlorobenzene	8.725	146	27256	27.242	ng	94
15) Benzyl Alcohol	8.602	79	29372	26.243	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.884	45	29028m	23.321	ng	
17) 2-Methylphenol	8.802	107	23151	24.523	ng	98
18) Hexachloroethane	9.459	117	9351	25.002	ng	95
19) n-Nitroso-di-n-propyla...	9.166	70	25477	24.870	ng	98
20) 3+4-Methylphenols	9.130	107	32049	24.793	ng	97
22) Acetophenone	9.195	105	45088	24.893	ng	# 95
24) Nitrobenzene	9.589	77	35333	23.217	ng	94
25) Isophorone	10.100	82	71877	24.583	ng	98
26) 2-Nitrophenol	10.305	139	13601	23.348	ng	96
27) 2,4-Dimethylphenol	10.346	122	27692	27.148	ng	98
28) bis(2-Chloroethoxy)met...	10.576	93	36943	25.221	ng	97
29) 2,4-Dichlorophenol	10.846	162	30418	28.116	ng	99
30) 1,2,4-Trichlorobenzene	11.057	180	31831	25.509	ng	95
31) Naphthalene	11.251	128	85925	25.397	ng	97
32) Benzoic acid	10.464	122	11100m	21.734	ng	
33) 4-Chloroaniline	11.357	127	26882	17.693	ng	96
34) Hexachlorobutadiene	11.521	225	22468	24.266	ng	97
35) Caprolactam	12.121	113	9912	26.821	ng	93
36) 4-Chloro-3-methylphenol	12.455	107	35051	28.509	ng	96
37) 2-Methylnaphthalene	12.831	142	69968	26.303	ng	96
38) 1-Methylnaphthalene	13.049	142	65934	26.297	ng	99
40) 1,2,4,5-Tetrachloroben...	13.190	216	49583	27.422	ng	99
41) Hexachlorocyclopentadiene	13.166	237	24274	32.027	ng	99
43) 2,4,6-Trichlorophenol	13.425	196	31005	28.146	ng	96

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44) 2,4,5-Trichlorophenol	13.507	196	34714	26.790	ng	96
46) 1,1'-Biphenyl	13.818	154	104291	27.595	ng	97
47) 2-Chloronaphthalene	13.871	162	79015	28.115	ng	96
48) 2-Nitroaniline	14.065	65	28454	29.776	ng	98
49) Acenaphthylene	14.705	152	128525	28.149	ng	99
50) Dimethylphthalate	14.417	163	122196	29.196	ng	97
51) 2,6-Dinitrotoluene	14.547	165	26205	30.665	ng	89
52) Acenaphthene	15.046	154	79153	27.743	ng	99
53) 3-Nitroaniline	14.882	138	20415	23.846	ng	87
54) 2,4-Dinitrophenol	15.093	184	23264	46.175	ng	99
55) Dibenzofuran	15.375	168	137126	28.605	ng	99
56) 4-Nitrophenol	15.187	139	27279	47.909	ng	93
57) 2,4-Dinitrotoluene	15.334	165	34580	28.314	ng	98
58) Fluorene	16.021	166	117421	29.737	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.598	232	34610m	29.461	ng	
60) Diethylphthalate	15.763	149	124509	29.293	ng	98
61) 4-Chlorophenyl-phenyle...	15.998	204	69509	29.221	ng	98
62) 4-Nitroaniline	16.039	138	26120	30.244	ng	97
63) Azobenzene	16.291	77	111560	27.203	ng	98
65) 4,6-Dinitro-2-methylph...	16.103	198	20272	26.048	ng	98
66) n-Nitrosodiphenylamine	16.215	169	105450	29.785	ng	98
67) 4-Bromophenyl-phenylether	16.891	248	46672	29.330	ng	99
68) Hexachlorobenzene	17.026	284	51272	33.157	ng	95
69) Atrazine	17.149	200	45512	33.700	ng	96
70) Pentachlorophenol	17.372	266	46609	52.300	ng	95
71) Phenanthrene	17.760	178	203352	30.445	ng	99
72) Anthracene	17.854	178	206011	30.059	ng	99
73) Carbazole	18.118	167	180988	31.368	ng	99
74) Di-n-butylphthalate	18.635	149	202225	30.462	ng	99
75) Fluoranthene	19.751	202	249185	29.995	ng	99
77) Benzidine	19.922	184	6099	2.379	ng	97
78) Pyrene	20.116	202	251983	30.239	ng	99
80) Butylbenzylphthalate	20.962	149	84740	32.049	ng	98
81) Benzo(a)anthracene	22.007	228	247566	30.301	ng	98
82) 3,3'-Dichlorobenzidine	21.901	252	78731	30.084	ng	100
83) Chrysene	22.078	228	226950	29.523	ng	100
84) Bis(2-ethylhexyl)phtha...	21.854	149	122364	31.279	ng	100
85) Di-n-octyl phthalate	23.147	149	206386	31.645	ng	97
87) Indeno(1,2,3-cd)pyrene	29.591	276	274013	30.294	ng	99
88) Benzo(b)fluoranthene	24.410	252	248315	30.608	ng	98
89) Benzo(k)fluoranthene	24.486	252	246123	29.855	ng	99
90) Benzo(a)pyrene	25.367	252	218528	27.571	ng	98
91) Dibenzo(a,h)anthracene	29.638	278	229228	30.431	ng	99
92) Benzo(g,h,i)perylene	30.866	276	217735	29.603	ng	99

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

