

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057560.D
 Acq On : 25 May 2023 16:22
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/26/2023
 Supervised By : Jagrut Upadhyay 05/26/2023

Quant Time: May 26 02:58:46 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 26 02:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.351	152	21978	20.000	ng	0.00
21) Naphthalene-d8	11.194	136	86357	20.000	ng	0.00
39) Acenaphthene-d10	14.972	164	64684	20.000	ng	0.00
64) Phenanthrene-d10	17.709	188	161163	20.000	ng	0.00
76) Chrysene-d12	22.021	240	136456	20.000	ng	0.00
86) Perylene-d12	25.522	264	147060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.872	112	102670	79.911	ng	0.00
7) Phenol-d6	7.500	99	156676	80.304	ng	0.00
23) Nitrobenzene-d5	9.538	82	154423	75.052	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	79582	86.710	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	378590	78.827	ng	0.00
79) Terphenyl-d14	20.276	244	668105	79.901	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.669	88	19255	36.246	ng	96
3) Pyridine	4.098	79	60667	35.536	ng	92
4) n-Nitrosodimethylamine	4.004	42	26208	32.667	ng	87
6) Aniline	7.670	93	95169	38.451	ng	96
8) 2-Chlorophenol	7.917	128	53919	39.716	ng	95
9) Benzaldehyde	7.482	77	37286	35.198	ng	98
10) Phenol	7.529	94	74394	39.116	ng	98
11) bis(2-Chloroethyl)ether	7.758	93	53914	37.593	ng	98
12) 1,3-Dichlorobenzene	8.246	146	58843	39.271	ng	96
13) 1,4-Dichlorobenzene	8.392	146	60237	40.022	ng	95
14) 1,2-Dichlorobenzene	8.716	146	57293	39.431	ng	96
15) Benzyl Alcohol	8.592	79	60899	37.468	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.874	45	65781	36.391	ng	99
17) 2-Methylphenol	8.798	107	54509	39.759	ng	96
18) Hexachloroethane	9.450	117	21474	39.536	ng	96
19) n-Nitroso-di-n-propyla...	9.156	70	51821	34.833	ng	99
20) 3+4-Methylphenols	9.127	107	76024	40.497	ng	91
22) Acetophenone	9.185	105	92508	37.428	ng	# 93
24) Nitrobenzene	9.579	77	76854	37.007	ng	95
25) Isophorone	10.096	82	142571	35.734	ng	98
26) 2-Nitrophenol	10.296	139	33565	42.224	ng	91
27) 2,4-Dimethylphenol	10.343	122	57487	41.300	ng	95
28) bis(2-Chloroethoxy)met...	10.572	93	75092	37.569	ng	97
29) 2,4-Dichlorophenol	10.842	162	61520	41.671	ng	93
30) 1,2,4-Trichlorobenzene	11.054	180	67375	39.567	ng	98
31) Naphthalene	11.241	128	185032	40.078	ng	99
32) Benzoic acid	10.495	122	27970	36.140	ng	99
33) 4-Chloroaniline	11.347	127	83428	40.239	ng	94
34) Hexachlorobutadiene	11.512	225	46943	37.153	ng	99
35) Caprolactam	12.129	113	20821	41.287	ng	96
36) 4-Chloro-3-methylphenol	12.452	107	69494	41.422	ng	97
37) 2-Methylnaphthalene	12.822	142	142161	39.164	ng	95
38) 1-Methylnaphthalene	13.039	142	134818	39.405	ng	99
40) 1,2,4,5-Tetrachloroben...	13.186	216	93377	40.663	ng	99
41) Hexachlorocyclopentadiene	13.151	237	50156	48.160	ng	99
43) 2,4,6-Trichlorophenol	13.421	196	57130	40.836	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.503	196	66487	40.402	ng	96
46) 1,1'-Biphenyl	13.809	154	193421	40.298	ng	100
47) 2-Chloronaphthalene	13.861	162	144039	40.356	ng	99
48) 2-Nitroaniline	14.061	65	48864	40.263	ng	96
49) Acenaphthylene	14.702	152	238504	41.131	ng	99
50) Dimethylphthalate	14.408	163	204372	38.449	ng	98
51) 2,6-Dinitrotoluene	14.543	165	44971	41.437	ng	85
52) Acenaphthene	15.036	154	145174	40.065	ng	98
53) 3-Nitroaniline	14.878	138	44285	40.731	ng	90
54) 2,4-Dinitrophenol	15.095	184	23564	37.822	ng	98
55) Dibenzofuran	15.365	168	246628	40.510	ng	98
56) 4-Nitrophenol	15.189	139	28146	38.923	ng	94
57) 2,4-Dinitrotoluene	15.330	165	65936	42.511	ng	# 94
58) Fluorene	16.012	166	203224	40.525	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.594	232	59574	39.930	ng	99
60) Diethylphthalate	15.753	149	208039	38.540	ng	99
61) 4-Chlorophenyl-phenyle...	15.988	204	118003	39.061	ng	96
62) 4-Nitroaniline	16.035	138	46273	42.187	ng	87
63) Azobenzene	16.282	77	192556	36.971	ng	96
65) 4,6-Dinitro-2-methylph...	16.100	198	40589	42.183	ng	95
66) n-Nitrosodiphenylamine	16.205	169	175809	40.165	ng	99
67) 4-Bromophenyl-phenylether	16.887	248	79161	40.236	ng	99
68) Hexachlorobenzene	17.022	284	79264	41.459	ng	95
69) Atrazine	17.139	200	69061	41.360	ng	98
70) Pentachlorophenol	17.368	266	47574	43.177	ng	96
71) Phenanthrene	17.756	178	334622	40.520	ng	99
72) Anthracene	17.844	178	342119	40.374	ng	98
73) Carbazole	18.115	167	292889	41.057	ng	99
74) Di-n-butylphthalate	18.626	149	344022	41.914	ng	98
75) Fluoranthene	19.742	202	402846	39.221	ng	97
77) Benzidine	19.906	184	93660m	30.701	ng	
78) Pyrene	20.106	202	406380	40.983	ng	99
80) Butylbenzylphthalate	20.952	149	145741	46.323	ng	97
81) Benzo(a)anthracene	21.998	228	391140	40.232	ng	99
82) 3,3'-Dichlorobenzidine	21.898	252	126571	40.646	ng	98
83) Chrysene	22.068	228	370659	40.521	ng	100
84) Bis(2-ethylhexyl)phtha...	21.839	149	203863	43.795	ng	98
85) Di-n-octyl phthalate	23.131	149	336893	43.411	ng	97
87) Indeno(1,2,3-cd)pyrene	29.581	276	425394	39.690	ng	# 73
88) Benzo(b)fluoranthene	24.400	252	368379	38.320	ng	98
89) Benzo(k)fluoranthene	24.471	252	373403	38.224	ng	99
90) Benzo(a)pyrene	25.358	252	360980	38.436	ng	96
91) Dibenzo(a,h)anthracene	29.634	278	355788	39.861	ng	97
92) Benzo(g,h,i)perylene	30.856	276	351367	40.316	ng	98

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

