

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056959.D
 Acq On : 4 Apr 2023 10:14
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/05/2023
 Supervised By : Jagrut Upadhyay 04/05/2023

Quant Time: Apr 05 04:04:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.414	152	16820	20.000	ng	0.00
21) Naphthalene-d8	11.263	136	70741	20.000	ng	# 0.00
39) Acenaphthene-d10	15.034	164	54741	20.000	ng	0.00
64) Phenanthrene-d10	17.772	188	132594	20.000	ng	0.00
76) Chrysene-d12	22.095	240	116993	20.000	ng	0.00
86) Perylene-d12	25.643	264	128891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	83888	79.821	ng	0.00
7) Phenol-d6	7.544	99	131397	83.595	ng	0.00
23) Nitrobenzene-d5	9.595	82	136062	78.700	ng	0.00
42) 2,4,6-Tribromophenol	16.515	330	70407	80.511	ng	0.00
45) 2-Fluorobiphenyl	13.660	172	323569	80.153	ng	0.00
79) Terphenyl-d14	20.339	244	570606	82.531	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.726	88	17592	38.185	ng	Qvalue 99
3) Pyridine	4.149	79	61314	41.320	ng	97
4) n-Nitrosodimethylamine	4.055	42	28014	41.062	ng	97
6) Aniline	7.726	93	80952	40.286	ng	97
8) 2-Chlorophenol	7.973	128	43498	41.553	ng	93
9) Benzaldehyde	7.538	77	37144	37.676	ng	90
10) Phenol	7.574	94	64557	41.450	ng	96
11) bis(2-Chloroethyl)ether	7.815	93	45840	41.318	ng	96
12) 1,3-Dichlorobenzene	8.308	146	45668	39.482	ng	98
13) 1,4-Dichlorobenzene	8.455	146	47360	40.569	ng	96
14) 1,2-Dichlorobenzene	8.778	146	44371	39.341	ng	94
15) Benzyl Alcohol	8.649	79	54551	41.767	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.942	45	55643	41.616	ng	97
17) 2-Methylphenol	8.848	107	46923	42.228	ng	90
18) Hexachloroethane	9.524	117	17096	40.067	ng	90
19) n-Nitroso-di-n-propyla...	9.224	70	48514	43.151	ng	# 92
20) 3+4-Methylphenols	9.177	107	65464	42.132	ng	98
22) Acetophenone	9.242	105	83799	39.810	ng	# 98
24) Nitrobenzene	9.642	77	70899	40.111	ng	95
25) Isophorone	10.158	82	129614	39.370	ng	98
26) 2-Nitrophenol	10.358	139	28046	41.108	ng	99
27) 2,4-Dimethylphenol	10.393	122	46511	38.611	ng	87
28) bis(2-Chloroethoxy)met...	10.634	93	63203	38.346	ng	93
29) 2,4-Dichlorophenol	10.893	162	50841	39.245	ng	98
30) 1,2,4-Trichlorobenzene	11.116	180	53357	38.763	ng	# 91
31) Naphthalene	11.310	128	151296	39.238	ng	97
32) Benzoic acid	10.517	122	35578m	42.997	ng	
33) 4-Chloroaniline	11.410	127	69990	40.190	ng	96
34) Hexachlorobutadiene	11.592	225	39791	38.483	ng	95
35) Caprolactam	12.173	113	17375	38.890	ng	93
36) 4-Chloro-3-methylphenol	12.491	107	58014	40.043	ng	98
37) 2-Methylnaphthalene	12.890	142	120937	39.518	ng	98
38) 1-Methylnaphthalene	13.102	142	111891	38.938	ng	96
40) 1,2,4,5-Tetrachloroben...	13.248	216	76200	40.142	ng	99
41) Hexachlorocyclopentadiene	13.219	237	44805	42.839	ng	96
43) 2,4,6-Trichlorophenol	13.472	196	49102	40.535	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.548	196	57700	40.208	ng	96
46) 1,1'-Biphenyl	13.871	154	159362	39.769	ng	99
47) 2-Chloronaphthalene	13.924	162	119541	40.335	ng	99
48) 2-Nitroaniline	14.112	65	44354	41.854	ng	99
49) Acenaphthylene	14.758	152	199425	40.955	ng	98
50) Dimethylphthalate	14.470	163	172164	39.916	ng	# 98
51) 2,6-Dinitrotoluene	14.594	165	37432	40.167	ng	97
52) Acenaphthene	15.099	154	134956	40.185	ng	94
53) 3-Nitroaniline	14.928	138	36717	39.805	ng	88
54) 2,4-Dinitrophenol	15.128	184	22823	43.511	ng	90
55) Dibenzofuran	15.428	168	202894	40.253	ng	96
56) 4-Nitrophenol	15.210	139	27999	41.048	ng	94
57) 2,4-Dinitrotoluene	15.375	165	53227	40.497	ng	# 98
58) Fluorene	16.074	166	168358	40.365	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.645	232	52809m	40.417	ng	
60) Diethylphthalate	15.816	149	171044	39.557	ng	98
61) 4-Chlorophenyl-phenyle...	16.050	204	99909	40.798	ng	96
62) 4-Nitroaniline	16.086	138	38766	40.563	ng	98
63) Azobenzene	16.344	77	171091	39.704	ng	99
65) 4,6-Dinitro-2-methylph...	16.139	198	34746	43.268	ng	92
66) n-Nitrosodiphenylamine	16.268	169	143888	40.425	ng	98
67) 4-Bromophenyl-phenylether	16.949	248	63871	38.931	ng	98
68) Hexachlorobenzene	17.078	284	65454	40.354	ng	95
69) Atrazine	17.196	200	56899	38.510	ng	89
70) Pentachlorophenol	17.413	266	46867	40.276	ng	96
71) Phenanthrene	17.813	178	264141	39.073	ng	99
72) Anthracene	17.907	178	268223	38.704	ng	99
73) Carbazole	18.165	167	235582	38.989	ng	96
74) Di-n-butylphthalate	18.694	149	273324	39.064	ng	99
75) Fluoranthene	19.804	202	322436	37.625	ng	99
77) Benzidine	19.963	184	121377	37.956	ng	99
78) Pyrene	20.163	202	325182	40.186	ng	96
80) Butylbenzylphthalate	21.020	149	120851	43.401	ng	95
81) Benzo(a)anthracene	22.072	228	329632	40.716	ng	99
82) 3,3'-Dichlorobenzidine	21.972	252	111349	40.730	ng	# 100
83) Chrysene	22.148	228	307050	40.506	ng	99
84) Bis(2-ethylhexyl)phtha...	21.931	149	166917	41.397	ng	96
85) Di-n-octyl phthalate	23.253	149	286278	42.132	ng	99
87) Indeno(1,2,3-cd)pyrene	29.744	276	386971	40.624	ng	# 89
88) Benzo(b)fluoranthene	24.510	252	328476	40.754	ng	99
89) Benzo(k)fluoranthene	24.586	252	333589	41.458	ng	97
90) Benzo(a)pyrene	25.479	252	318126	40.166	ng	98
91) Dibenzo(a,h)anthracene	29.808	278	320315	40.909	ng	96
92) Benzo(g,h,i)perylene	31.036	276	309968	40.429	ng	99

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

