

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030322\
 Data File : BG052582.D
 Acq On : 4 Mar 2022 17:06
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020536

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/07/2022
 Supervised By :mohammad ahmed 03/07/2022

Quant Time: Mar 05 03:34:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 22 17:32:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	26873	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.055	136	117775	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.861	164	89326	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.611	188	213036	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.922	240	199494	20.000	ng/u1	#-0.01
88) Perylene-d12	25.388	264	203366	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	6311	9.212	ng/uL	0.00
4) Pyridine-d5	3.970	84	45516	22.024	ng/u1	0.00
7) Phenol-d5	7.360	99	58806	23.078	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.524	67	33872	22.745	ng/u1	0.00
11) 2-Chlorophenol-d4	7.747	132	41400	23.131	ng/u1	0.00
15) 4-Methylphenol-d8	8.922	113	46406	23.406	ng/u1	-0.01
21) Nitrobenzene-d5	9.392	128	22332	22.242	ng/u1	0.00
24) 2-Nitrophenol-d4	10.121	143	25456	23.147	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	48996	23.891	ng/u1	0.00
31) 4-Chloroaniline-d4	11.184	131	69100	24.314	ng/u1	0.00
46) Dimethylphthalate-d6	14.250	166	160512	22.104	ng/u1	0.00
49) Acenaphthylene-d8	14.556	160	205865	22.965	ng/u1	0.00
54) 4-Nitrophenol-d4	15.055	143	21524m	18.646	ng/u1	0.00
60) Fluorene-d10	15.848	176	144057	22.582	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.966	200	27852m	20.619	ng/u1	0.00
73) Anthracene-d10	17.710	188	235691	22.901	ng/u1	0.00
81) Pyrene-d10	19.990	212	279602	23.952	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.147	264	257328	23.586	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.577	88	6965	8.739	ng/uL#	85
5) Pyridine	3.988	79	46398	22.237	ng/u1	94
6) Benzaldehyde	7.342	77	26234m	18.129	ng/u1	
8) Phenol	7.389	94	57944	22.483	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.612	93	43566	22.853	ng/u1	94
12) 2-Chlorophenol	7.777	128	42835	22.972	ng/u1	93
13) 2-Methylphenol	8.658	108	43041	22.062	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.734	45	58385m	22.378	ng/u1	
16) Acetophenone	9.040	105	71633	23.450	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.016	70	40523	22.534	ng/u1	97
18) 4-Methylphenol	8.987	108	48308	23.283	ng/u1	91
19) Hexachloroethane	9.316	117	17303	23.734	ng/u1#	76
22) Nitrobenzene	9.433	77	55979	21.749	ng/u1	96
23) Isophorone	9.956	82	113019	22.761	ng/u1	94
25) 2-Nitrophenol	10.150	139	27290	23.614	ng/u1	94
26) 2,4-Dimethylphenol	10.203	107	54539	22.944	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.438	93	60051	22.345	ng/u1	97
29) 2,4-Dichlorophenol	10.702	162	45060	23.225	ng/u1	96
30) Naphthalene	11.108	128	152302	23.244	ng/u1	96
32) 4-Chloroaniline	11.207	127	69288	23.765	ng/u1	98
33) Hexachlorobutadiene	11.390	225	33696	22.011	ng/u1	99
34) Caprolactam	11.953	113	17167m	23.785	ng/u1	
35) 4-Chloro-3-methylphenol	12.324	107	52177	24.079	ng/u1	93
36) 2-Methylnaphthalene	12.700	142	110363	23.506	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.923	142	112158	23.474	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.064	216	69370	22.128	ng/ul#	95
40) Hexachlorocyclopentadiene	13.046	237	25893	17.062	ng/ul	92
41) 2,4,6-Trichlorophenol	13.299	196	39935	21.241	ng/ul	99
42) 2,4,5-Trichlorophenol	13.381	196	42253	21.085	ng/ul	96
43) 1,1'-Biphenyl	13.692	154	155780	21.933	ng/ul#	95
44) 2-Chloronaphthalene	13.745	162	117341	21.724	ng/ul	98
45) 2-Nitroaniline	13.939	65	38095	21.594	ng/ul#	83
47) Dimethylphthalate	14.297	163	153342	21.603	ng/ul	98
48) 2,6-Dinitrotoluene	14.427	165	34067	21.916	ng/ul#	81
50) Acenaphthylene	14.585	152	199871	22.312	ng/ul	98
51) 3-Nitroaniline	14.756	138	25539	20.174	ng/ul	99
52) Acenaphthene	14.926	153	131339	22.293	ng/ul	95
53) 2,4-Dinitrophenol	14.973	184	10616	13.811	ng/ul#	86
55) 4-Nitrophenol	15.067	109	20533m	18.340	ng/ul	
56) Dibenzofuran	15.261	168	190787	22.527	ng/ul	94
57) 2,4-Dinitrotoluene	15.214	165	48711	21.633	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.484	232	38221	21.045	ng/ul#	88
59) Diethylphthalate	15.654	149	153456	21.386	ng/ul	97
61) Fluorene	15.907	166	157744	22.143	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.889	204	84234	21.726	ng/ul	94
63) 4-Nitroaniline	15.913	138	21941m	18.052	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.983	198	25747	19.667	ng/ul	96
67) N-Nitrosodiphenylamine	16.101	169	135604	22.592	ng/ul	95
68) 4-Bromophenyl-phenylether	16.788	248	58692	22.954	ng/ul#	86
69) Hexachlorobenzene	16.917	284	66075	22.521	ng/ul#	90
70) Atrazine	17.047	200	57496	21.735	ng/ul	98
71) Pentachlorophenol	17.270	266	22616	17.115	ng/ul	94
72) Phenanthrene	17.652	178	263979	23.007	ng/ul	99
74) Anthracene	17.746	178	264957	22.944	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.669	216	74102	21.989	ng/uL	98
76) Pentachlorobenzene	15.184	250	78297	24.335	ng/uL	100
77) Carbazole	18.010	167	236097	23.018	ng/ul	99
78) Di-n-butylphthalate	18.550	149	264145	21.654	ng/ul	99
80) Fluoranthene	19.655	202	327543	23.766	ng/ul#	90
82) Pyrene	20.019	202	320180	23.395	ng/ul#	89
83) Butylbenzylphthalate	20.883	149	113449	22.930	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.805	252	74346	16.871	ng/ul#	98
85) Benzo(a)anthracene	21.905	228	310232	22.950	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.781	149	160478	23.140	ng/ul#	99
87) Chrysene	21.975	228	294464	22.722	ng/ul	98
89) Di-n-octyl phthalate	23.068	149	267635	22.759	ng/ul	100
90) Benzo(b)fluoranthene	24.278	252	320790	22.625	ng/ul#	95
91) Benzo(k)fluoranthene	24.348	252	302709	23.146	ng/ul#	96
93) Benzo(a)pyrene	25.218	252	307796	23.076	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.377	276	353393	23.299	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.442	278	302733	23.381	ng/ul#	92
96) Benzo(g,h,i)perylene	30.622	276	292455	22.965	ng/ul#	91

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

