

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
 Data File : BG052943.D
 Acq On : 30 Mar 2022 2:04
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020553

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/30/2022
 Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 30 04:13:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 23 13:16:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	31717	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.943	136	142037	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.755	164	113014	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.499	188	277416	20.000	ng/u1	0.00
79) Chrysene-d12	21.781	240	289788	20.000	ng/u1	#-0.01
88) Perylene-d12	25.088	264	295769	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.547	96	6661	7.418	ng/uL	0.00
4) Pyridine-d5	3.964	84	42343	18.889	ng/u1	-0.01
7) Phenol-d5	7.277	99	61283	21.573	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.448	67	38293	22.071	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.665	132	40924	21.216	ng/u1	-0.01
15) 4-Methylphenol-d8	8.828	113	48370	23.506	ng/u1	0.00
21) Nitrobenzene-d5	9.286	128	21485	21.013	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.021	143	25279	23.441	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.555	165	52068	22.194	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.072	131	67588	21.797	ng/u1	0.00
46) Dimethylphthalate-d6	14.150	166	180786	20.823	ng/u1	-0.01
49) Acenaphthylene-d8	14.450	160	215239	20.401	ng/u1	0.00
54) 4-Nitrophenol-d4	14.926	143	30057m	20.590	ng/u1	0.00
60) Fluorene-d10	15.742	176	159431	20.913	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.848	200	30406	21.538	ng/u1	-0.01
73) Anthracene-d10	17.593	188	259530	20.090	ng/u1	-0.01
81) Pyrene-d10	19.878	212	319306	19.696	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.859	264	312706	20.462	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.582	88	6642	6.037	ng/uL#	90
5) Pyridine	3.982	79	48171	19.888	ng/u1	92
6) Benzaldehyde	7.266	77	45657m	24.176	ng/u1	
8) Phenol	7.307	94	61757	22.557	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.542	93	44166	21.383	ng/u1	100
12) 2-Chlorophenol	7.694	128	42001	21.312	ng/u1	97
13) 2-Methylphenol	8.564	108	47184	22.174	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.658	45	71939	21.428	ng/u1	97
16) Acetophenone	8.951	105	76609	23.863	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.934	70	44107	23.568	ng/u1	97
18) 4-Methylphenol	8.893	108	51633	23.290	ng/u1	88
19) Hexachloroethane	9.228	117	17426	19.929	ng/u1	87
22) Nitrobenzene	9.333	77	65116	21.796	ng/u1	93
23) Isophorone	9.856	82	123153	21.566	ng/u1	96
25) 2-Nitrophenol	10.050	139	26032	23.278	ng/u1	93
26) 2,4-Dimethylphenol	10.103	107	60601	21.870	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.338	93	66227	20.855	ng/u1	99
29) 2,4-Dichlorophenol	10.585	162	49492	21.697	ng/u1	94
30) Naphthalene	10.996	128	150257	20.442	ng/u1	98
32) 4-Chloroaniline	11.090	127	66053	21.679	ng/u1	95
33) Hexachlorobutadiene	11.289	225	39254	21.071	ng/u1	98
34) Caprolactam	11.836	113	16824m	24.489	ng/u1	
35) 4-Chloro-3-methylphenol	12.206	107	58624	23.693	ng/u1	91
36) 2-Methylnaphthalene	12.594	142	112123	21.615	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.811	142	113440	21.601	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.958	216	75405	20.186	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	47073	18.203	ng/ul	99
41) 2,4,6-Trichlorophenol	13.187	196	47699	20.897	ng/ul	99
42) 2,4,5-Trichlorophenol	13.257	196	52621	21.347	ng/ul	97
43) 1,1'-Biphenyl	13.586	154	160153	19.831	ng/ul	98
44) 2-Chloronaphthalene	13.633	162	126984	19.637	ng/ul	97
45) 2-Nitroaniline	13.827	65	45759	24.140	ng/ul	93
47) Dimethylphthalate	14.197	163	170336	20.558	ng/ul	99
48) 2,6-Dinitrotoluene	14.315	165	34939	23.279	ng/ul#	92
50) Acenaphthylene	14.479	152	209347	20.546	ng/ul	99
51) 3-Nitroaniline	14.644	138	37419	24.699	ng/ul#	96
52) Acenaphthene	14.814	153	137645	20.678	ng/ul	95
53) 2,4-Dinitrophenol	14.849	184	18590	19.937	ng/ul#	61
55) 4-Nitrophenol	14.937	109	33840	22.027	ng/ul	95
56) Dibenzofuran	15.149	168	207555	21.032	ng/ul	99
57) 2,4-Dinitrotoluene	15.102	165	51086	23.989	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.372	232	47695	21.466	ng/ul#	95
59) Diethylphthalate	15.560	149	172894	20.604	ng/ul	99
61) Fluorene	15.801	166	169943	20.776	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.783	204	91063	20.921	ng/ul	96
63) 4-Nitroaniline	15.801	138	38442	25.803	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.866	198	30983	22.430	ng/ul	98
67) N-Nitrosodiphenylamine	15.995	169	149150	19.885	ng/ul	94
68) 4-Bromophenyl-phenylether	16.682	248	65069	23.689	ng/ul	96
69) Hexachlorobenzene	16.806	284	73627	20.750	ng/ul#	91
70) Atrazine	16.941	200	64926	21.121	ng/ul	96
71) Pentachlorophenol	17.146	266	39319m	18.223	ng/ul	
72) Phenanthrene	17.540	178	294426	20.222	ng/ul	99
74) Anthracene	17.628	178	291971	20.058	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	83303	20.162	ng/ul	97
76) Pentachlorobenzene	15.073	250	81378	20.529	ng/ul	95
77) Carbazole	17.892	167	262247	20.386	ng/ul	97
78) Di-n-butylphthalate	18.450	149	303629	19.848	ng/ul	99
80) Fluoranthene	19.543	202	380880	19.937	ng/ul	98
82) Pyrene	19.907	202	372153	19.599	ng/ul#	95
83) Butylbenzylphthalate	20.782	149	134880	20.430	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.670	252	134371	20.688	ng/ul	89
85) Benzo(a)anthracene	21.764	228	371529	19.864	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.664	149	184816	20.212	ng/ul	97
87) Chrysene	21.828	228	347086	19.456	ng/ul	99
89) Di-n-octyl phthalate	22.903	149	313274	20.335	ng/ul	100
90) Benzo(b)fluoranthene	24.037	252	388396	20.337	ng/ul	98
91) Benzo(k)fluoranthene	24.107	252	351034	19.916	ng/ul	97
93) Benzo(a)pyrene	24.936	252	366068	20.302	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.860	276	412974	20.252	ng/ul	98
95) Dibenzo(a,h)anthracene	28.936	278	352618m	20.345	ng/ul	
96) Benzo(g,h,i)perylene	30.046	276	345131m	20.021	ng/ul	

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

