

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
 Data File : BG052959.D
 Acq On : 30 Mar 2022 21:56
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020555

Quant Time: Mar 31 01:48:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 31 00:50:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022
 Supervised By :Yogesh Patel 04/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	29463	20.000	ng/u1	0.00
20) Naphthalene-d8	10.943	136	124168	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.756	164	97936	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.493	188	239343	20.000	ng/u1	0.00
79) Chrysene-d12	21.782	240	252040	20.000	ng/u1	# 0.00
88) Perylene-d12	25.083	264	265816	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.548	96	6171	7.398	ng/uL	0.00
4) Pyridine-d5	3.965	84	38877	18.670	ng/u1	0.00
7) Phenol-d5	7.278	99	50837	19.265	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.448	67	32646	20.256	ng/u1	0.00
11) 2-Chlorophenol-d4	7.665	132	34534	19.273	ng/u1	0.00
15) 4-Methylphenol-d8	8.829	113	38961	20.382	ng/u1	0.00
21) Nitrobenzene-d5	9.293	128	19454	21.765	ng/u1	0.00
24) 2-Nitrophenol-d4	10.021	143	20703	21.960	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.562	165	41993	20.475	ng/u1	0.00
31) 4-Chloroaniline-d4	11.067	131	55282	20.394	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	145745	19.371	ng/u1	0.00
49) Acenaphthylene-d8	14.445	160	172053	18.819	ng/u1	0.00
54) 4-Nitrophenol-d4	14.926	143	25333	20.026	ng/u1	0.00
60) Fluorene-d10	15.743	176	128528	19.455	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.849	200	25648	21.057	ng/u1	0.00
73) Anthracene-d10	17.593	188	216964m	19.467	ng/u1	0.00
81) Pyrene-d10	19.872	212	270309	19.171	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.860	264	257022	18.713	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.583	88	6372m	6.235	ng/uL	
5) Pyridine	3.982	79	41717	18.541	ng/u1	91
6) Benzaldehyde	7.260	77	38194m	21.772	ng/u1	
8) Phenol	7.301	94	50852	19.995	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.542	93	37956	19.783	ng/u1	97
12) 2-Chlorophenol	7.695	128	35402	19.338	ng/u1	92
13) 2-Methylphenol	8.564	108	38696m	19.577	ng/u1	
14) 2,2'-oxybis(1-Chloropr...	8.652	45	65833	21.109	ng/u1#	93
16) Acetophenone	8.946	105	65199	21.863	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.934	70	36529	21.012	ng/u1	98
18) 4-Methylphenol	8.887	108	42488	20.631	ng/u1	93
19) Hexachloroethane	9.222	117	15123	18.618	ng/u1	95
22) Nitrobenzene	9.334	77	54811	20.987	ng/u1	99
23) Isophorone	9.857	82	104614	20.956	ng/u1	99
25) 2-Nitrophenol	10.045	139	22223	22.732	ng/u1#	93
26) 2,4-Dimethylphenol	10.098	107	48933	20.200	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.338	93	53878	19.408	ng/u1	96
29) 2,4-Dichlorophenol	10.585	162	40799	20.460	ng/u1	97
30) Naphthalene	10.996	128	125768	19.573	ng/u1	97
32) 4-Chloroaniline	11.096	127	52451	19.692	ng/u1#	88
33) Hexachlorobutadiene	11.290	225	32426	19.911	ng/u1	95
34) Caprolactam	11.830	113	14550m	24.227	ng/u1	
35) 4-Chloro-3-methylphenol	12.201	107	48293	22.326	ng/u1#	86
36) 2-Methylnaphthalene	12.588	142	89978	19.842	ng/u1	97

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37) 1-Methylnaphthalene	12.811	142	92010	20.042	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.958	216	61081	18.869	ng/ul	100
40) Hexachlorocyclopentadiene	12.941	237	38208	17.049	ng/ul	94
41) 2,4,6-Trichlorophenol	13.187	196	37763	19.091	ng/ul	94
42) 2,4,5-Trichlorophenol	13.258	196	42299	19.802	ng/ul	95
43) 1,1'-Biphenyl	13.587	154	130281	18.616	ng/ul	97
44) 2-Chloronaphthalene	13.634	162	101676	18.144	ng/ul	96
45) 2-Nitroaniline	13.822	65	36178	22.024	ng/ul	95
47) Dimethylphthalate	14.198	163	140744	19.602	ng/ul	100
48) 2,6-Dinitrotoluene	14.315	165	29001	22.297	ng/ul	95
50) Acenaphthylene	14.474	152	168006	19.027	ng/ul	98
51) 3-Nitroaniline	14.644	138	30143	22.960	ng/ul	93
52) Acenaphthene	14.815	153	110848	19.216	ng/ul	97
53) 2,4-Dinitrophenol	14.844	184	15292	18.925	ng/ul#	67
55) 4-Nitrophenol	14.938	109	28410m	21.340	ng/ul	
56) Dibenzofuran	15.150	168	167606	19.599	ng/ul	96
57) 2,4-Dinitrotoluene	15.102	165	41588	22.535	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.373	232	39484	20.506	ng/ul#	97
59) Diethylphthalate	15.555	149	146615	20.162	ng/ul	99
61) Fluorene	15.796	166	136479	19.254	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.784	204	74563	19.768	ng/ul	95
63) 4-Nitroaniline	15.802	138	31578	24.459	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.866	198	24444	20.511	ng/ul	95
67) N-Nitrosodiphenylamine	15.995	169	123044	19.014	ng/ul	97
68) 4-Bromophenyl-phenylether	16.677	248	52825	22.290	ng/ul	96
69) Hexachlorobenzene	16.806	284	60036	19.612	ng/ul	95
70) Atrazine	16.941	200	51955	19.590	ng/ul	99
71) Pentachlorophenol	17.141	266	34374	18.465	ng/ul	96
72) Phenanthrene	17.535	178	244275	19.446	ng/ul	99
74) Anthracene	17.628	178	245590	19.556	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.558	216	65903	18.488	ng/ul	99
76) Pentachlorobenzene	15.073	250	66280	19.380	ng/ul	96
77) Carbazole	17.893	167	219893	19.812	ng/ul	98
78) Di-n-butylphthalate	18.445	149	252461	19.128	ng/ul	99
80) Fluoranthene	19.544	202	322901	19.434	ng/ul	97
82) Pyrene	19.902	202	317037	19.197	ng/ul	97
83) Butylbenzylphthalate	20.783	149	112704	19.628	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.670	252	114876	20.336	ng/ul	96
85) Benzo(a)anthracene	21.758	228	308533	18.967	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.658	149	156697	19.703	ng/ul	100
87) Chrysene	21.829	228	295630	19.053	ng/ul	99
89) Di-n-octyl phthalate	22.898	149	261753	18.906	ng/ul	100
90) Benzo(b)fluoranthene	24.032	252	318059	18.530	ng/ul	98
91) Benzo(k)fluoranthene	24.102	252	299130m	18.883	ng/ul	
93) Benzo(a)pyrene	24.930	252	303476	18.727	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.854	276	346960	18.932	ng/ul	98
95) Dibenzo(a,h)anthracene	28.931	278	295273	18.956	ng/ul	98
96) Benzo(g,h,i)perylene	30.041	276	291020	18.785	ng/ul	97

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

