

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
 Data File : BG052853.D
 Acq On : 26 Mar 2022 7:38
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020546

Quant Time: Mar 26 08:23:38 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/28/2022
 Supervised By :mohammad ahmed 03/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.143	152	28461	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	132595	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.764	164	111860	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.507	188	283871	20.000	ng/u1	0.00
79) Chrysene-d12	21.790	240	289602	20.000	ng/u1	# 0.00
88) Perylene-d12	25.109	264	295848	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.555	96	5892	7.313	ng/uL	0.00
4) Pyridine-d5	3.972	84	39084	19.430	ng/u1	0.00
7) Phenol-d5	7.286	99	55224	21.664	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.456	67	33356	21.425	ng/u1	0.00
11) 2-Chlorophenol-d4	7.667	132	35412	20.459	ng/u1	0.00
15) 4-Methylphenol-d8	8.836	113	41339	22.387	ng/u1	0.00
21) Nitrobenzene-d5	9.295	128	19982	20.935	ng/u1	0.00
24) 2-Nitrophenol-d4	10.029	143	23730	23.571	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.564	165	45887	20.952	ng/u1	0.00
31) 4-Chloroaniline-d4	11.080	131	61398	21.211	ng/u1	0.00
46) Dimethylphthalate-d6	14.159	166	173132	20.147	ng/u1	0.00
49) Acenaphthylene-d8	14.452	160	203575	19.495	ng/u1	0.00
54) 4-Nitrophenol-d4	14.934	143	31885	22.068	ng/u1	0.00
60) Fluorene-d10	15.751	176	151403	20.065	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.856	200	30642	21.211	ng/u1	0.00
73) Anthracene-d10	17.601	188	254834	19.278	ng/u1	0.00
81) Pyrene-d10	19.886	212	315588	19.480	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.879	264	296024	19.365	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.591	88	6232	6.313	ng/uL#	91
5) Pyridine	3.990	79	41956	19.303	ng/u1	99
6) Benzaldehyde	7.274	77	40082	23.652	ng/u1	96
8) Phenol	7.309	94	54990	22.383	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.550	93	39476	21.299	ng/u1	96
12) 2-Chlorophenol	7.703	128	36566	20.677	ng/u1	92
13) 2-Methylphenol	8.572	108	41174	21.564	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.666	45	66072	21.932	ng/u1	97
16) Acetophenone	8.960	105	68360	23.730	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.942	70	40234	23.958	ng/u1	98
18) 4-Methylphenol	8.895	108	45750	22.997	ng/u1	98
19) Hexachloroethane	9.236	117	14813	18.879	ng/u1#	85
22) Nitrobenzene	9.342	77	58270	20.893	ng/u1	99
23) Isophorone	9.864	82	116706	21.893	ng/u1	99
25) 2-Nitrophenol	10.058	139	23649	22.653	ng/u1	87
26) 2,4-Dimethylphenol	10.111	107	54677	21.137	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.346	93	58555	19.752	ng/u1	94
29) 2,4-Dichlorophenol	10.593	162	45132	21.195	ng/u1	98
30) Naphthalene	11.004	128	134894	19.659	ng/u1	97
32) 4-Chloroaniline	11.098	127	60510	21.274	ng/u1	98
33) Hexachlorobutadiene	11.298	225	34159	19.642	ng/u1	94
34) Caprolactam	11.844	113	16502m	25.731	ng/u1	
35) 4-Chloro-3-methylphenol	12.214	107	55306	23.943	ng/u1	97
36) 2-Methylnaphthalene	12.602	142	103695	21.414	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.813	142	103781	21.169	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.966	216	67619	18.289	ng/ul	98
40) Hexachlorocyclopentadiene	12.949	237	42587	16.638	ng/ul	98
41) 2,4,6-Trichlorophenol	13.195	196	45714	20.234	ng/ul	100
42) 2,4,5-Trichlorophenol	13.266	196	49636	20.344	ng/ul	94
43) 1,1'-Biphenyl	13.595	154	149209	18.666	ng/ul	98
44) 2-Chloronaphthalene	13.642	162	116999	18.279	ng/ul	95
45) 2-Nitroaniline	13.830	65	44102	23.506	ng/ul	89
47) Dimethylphthalate	14.206	163	164314	20.036	ng/ul	97
48) 2,6-Dinitrotoluene	14.323	165	34974	23.542	ng/ul#	93
50) Acenaphthylene	14.488	152	196858	19.519	ng/ul	96
51) 3-Nitroaniline	14.652	138	36533	24.363	ng/ul	94
52) Acenaphthene	14.822	153	132279	20.077	ng/ul	95
53) 2,4-Dinitrophenol	14.858	184	20972	22.724	ng/ul#	65
55) 4-Nitrophenol	14.946	109	33568	22.076	ng/ul	93
56) Dibenzofuran	15.157	168	194654	19.929	ng/ul	98
57) 2,4-Dinitrotoluene	15.104	165	49932	23.689	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.381	232	49329	22.430	ng/ul#	97
59) Diethylphthalate	15.569	149	176667	21.271	ng/ul	98
61) Fluorene	15.809	166	159187	19.662	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.798	204	89411	20.754	ng/ul	97
63) 4-Nitroaniline	15.809	138	37379m	25.349	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.874	198	30413	21.517	ng/ul#	98
67) N-Nitrosodiphenylamine	16.003	169	146061	19.030	ng/ul	96
68) 4-Bromophenyl-phenylether	16.691	248	63342	22.536	ng/ul	94
69) Hexachlorobenzene	16.814	284	71863	19.793	ng/ul	96
70) Atrazine	16.949	200	64033	20.357	ng/ul	97
71) Pentachlorophenol	17.155	266	38324m	17.358	ng/ul	
72) Phenanthrene	17.548	178	291455	19.563	ng/ul	99
74) Anthracene	17.636	178	290370	19.494	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.571	216	73535	17.393	ng/ul	96
76) Pentachlorobenzene	15.081	250	77228	19.039	ng/ul	97
77) Carbazole	17.901	167	261297	19.850	ng/ul	99
78) Di-n-butylphthalate	18.459	149	302269	19.310	ng/ul	98
80) Fluoranthene	19.551	202	372358	19.504	ng/ul	99
82) Pyrene	19.916	202	363455	19.153	ng/ul	97
83) Butylbenzylphthalate	20.791	149	128227	19.435	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.678	252	133245	20.528	ng/ul	94
85) Benzo(a)anthracene	21.772	228	354751	18.980	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.672	149	180461	19.748	ng/ul	99
87) Chrysene	21.842	228	334395	18.756	ng/ul	100
89) Di-n-octyl phthalate	22.917	149	305215	19.807	ng/ul	100
90) Benzo(b)fluoranthene	24.051	252	368734	19.302	ng/ul#	98
91) Benzo(k)fluoranthene	24.122	252	343875	19.504	ng/ul#	98
93) Benzo(a)pyrene	24.956	252	348339	19.313	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.892	276	402474	19.731	ng/ul	99
95) Dibenzo(a,h)anthracene	28.956	278	341748m	19.712	ng/ul	
96) Benzo(g,h,i)perylene	30.084	276	335617m	19.464	ng/ul	

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

