

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
 Data File : BG061989.D
 Acq On : 10 Jul 2024 2:13
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020563

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 10 03:17:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	44333	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.909	136	237678	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.716	164	178579	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.454	188	422224	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.714	240	374028	20.000	ng/u1	#-0.01
88) Perylene-d12	24.957	264	443111	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	7861	6.663	ng/uL	0.00
4) Pyridine-d5	3.905	84	62268	17.166	ng/u1	0.00
7) Phenol-d5	7.249	99	91346	18.828	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.413	67	55105	17.936	ng/u1	0.00
11) 2-Chlorophenol-d4	7.625	132	64993	19.529	ng/u1	0.00
15) 4-Methylphenol-d8	8.794	113	75760	19.833	ng/u1	0.00
21) Nitrobenzene-d5	9.264	128	35683	19.740	ng/u1	0.00
24) 2-Nitrophenol-d4	9.986	143	44163	21.394	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.521	165	84691	21.271	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.038	131	112084	19.390	ng/u1	0.00
46) Dimethylphthalate-d6	14.117	166	273827	18.651	ng/u1	0.00
49) Acenaphthylene-d8	14.411	160	306395	19.958	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	42448	18.105	ng/u1	0.00
60) Fluorene-d10	15.703	176	246070	19.909	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	46063	20.773	ng/u1	-0.01
73) Anthracene-d10	17.554	188	386468	19.605	ng/u1	0.00
81) Pyrene-d10	19.834	212	417063	18.957	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.728	264	441091	20.071	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.523	88	8991	6.905	ng/uL#	84
5) Pyridine	3.923	79	67043	18.021	ng/u1	97
6) Benzaldehyde	7.225	77	58171m	22.654	ng/u1	
8) Phenol	7.272	94	94400	19.005	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.507	93	71393	18.710	ng/u1	98
12) 2-Chlorophenol	7.654	128	67187	19.816	ng/u1#	87
13) 2-Methylphenol	8.529	108	71239	20.094	ng/u1	90
14) 2,2'-oxybis(1-Chloropr...	8.617	45	148650	17.831	ng/u1	98
16) Acetophenone	8.917	105	122652	19.438	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.894	70	64534	18.268	ng/u1	93
18) 4-Methylphenol	8.858	108	79619	20.054	ng/u1	98
19) Hexachloroethane	9.176	117	28121	19.119	ng/u1#	77
22) Nitrobenzene	9.299	77	100944	19.673	ng/u1	97
23) Isophorone	9.822	82	198632	17.135	ng/u1#	98
25) 2-Nitrophenol	10.016	139	41992	19.947	ng/u1#	87
26) 2,4-Dimethylphenol	10.069	107	99342	19.718	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.304	93	108885	17.057	ng/u1	99
29) 2,4-Dichlorophenol	10.551	162	74355	19.880	ng/u1	98
30) Naphthalene	10.956	128	260286	19.937	ng/u1	99
32) 4-Chloroaniline	11.062	127	107683	18.985	ng/u1	92
33) Hexachlorobutadiene	11.226	225	60661	21.553	ng/u1#	88
34) Caprolactam	11.820	113	27573m	18.817	ng/u1	
35) 4-Chloro-3-methylphenol	12.178	107	102836	20.645	ng/u1	96
36) 2-Methylnaphthalene	12.554	142	186568	19.725	ng/u1	98

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37) 1-Methylnaphthalene	12.771	142	195785	19.919	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.912	216	109990	20.510	ng/ul	94
40) Hexachlorocyclopentadiene	12.889	237	56660	15.871	ng/ul	97
41) 2,4,6-Trichlorophenol	13.153	196	70643	19.833	ng/ul	95
42) 2,4,5-Trichlorophenol	13.224	196	76968	19.671	ng/ul	97
43) 1,1'-Biphenyl	13.553	154	261476	19.003	ng/ul	98
44) 2-Chloronaphthalene	13.600	162	200901	19.455	ng/ul	96
45) 2-Nitroaniline	13.800	65	83352	20.156	ng/ul	98
47) Dimethylphthalate	14.164	163	260043	18.415	ng/ul	100
48) 2,6-Dinitrotoluene	14.287	165	57819	21.583	ng/ul	98
50) Acenaphthylene	14.440	152	328600	19.503	ng/ul	98
51) 3-Nitroaniline	14.616	138	55816	21.404	ng/ul	91
52) Acenaphthene	14.781	153	227675	19.569	ng/ul	98
53) 2,4-Dinitrophenol	14.822	184	25277	18.060	ng/ul#	83
55) 4-Nitrophenol	14.928	109	57653	21.545	ng/ul	90
56) Dibenzofuran	15.110	168	317266	19.294	ng/ul	97
57) 2,4-Dinitrotoluene	15.075	165	85208	21.688	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.333	232	70256	19.884	ng/ul	93
59) Diethylphthalate	15.521	149	286124	18.802	ng/ul	97
61) Fluorene	15.756	166	272607	19.494	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.750	204	136870	19.486	ng/ul	92
63) 4-Nitroaniline	15.774	138	53793	20.330	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.833	198	49506	20.745	ng/ul#	93
67) N-Nitrosodiphenylamine	15.962	169	220559	19.128	ng/ul	98
68) 4-Bromophenyl-phenylether	16.643	248	95348	19.905	ng/ul	92
69) Hexachlorobenzene	16.755	284	112358	20.399	ng/ul	98
70) Atrazine	16.902	200	90300	19.838	ng/ul	98
71) Pentachlorophenol	17.102	266	58652	19.373	ng/ul	94
72) Phenanthrene	17.501	178	426509	19.158	ng/ul	99
74) Anthracene	17.589	178	446688	19.415	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.518	216	111553	21.272	ng/ul	99
76) Pentachlorobenzene	15.028	250	130646	21.843	ng/ul	98
77) Carbazole	17.860	167	377442	19.493	ng/ul	99
78) Di-n-butylphthalate	18.406	149	477487	19.207	ng/ul	99
80) Fluoranthene	19.499	202	502895	19.316	ng/ul#	95
82) Pyrene	19.863	202	517235	19.232	ng/ul#	95
83) Butylbenzylphthalate	20.739	149	208529	18.475	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.608	252	198730	22.334	ng/ul	95
85) Benzo(a)anthracene	21.696	228	532172	19.651	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.591	149	297559	18.372	ng/ul#	98
87) Chrysene	21.761	228	489015	19.289	ng/ul	98
89) Di-n-octyl phthalate	22.807	149	520868	19.241	ng/ul	100
90) Benzo(b)fluoranthene	23.923	252	544468	19.503	ng/ul	97
91) Benzo(k)fluoranthene	23.988	252	565580m	20.316	ng/ul	
93) Benzo(a)pyrene	24.799	252	525692	19.885	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.647	276	671089	19.865	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.712	278	569592m	20.414	ng/ul	
96) Benzo(g,h,i)perylene	29.799	276	514806	19.155	ng/ul	97

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

