

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
 Data File : BG061880.D
 Acq On : 4 Jul 2024 2:24
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020553

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 03:40:45 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	8.095	152	34028	20.000	ng/u1	0.00
20) Naphthalene-d8	10.909	136	176152	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	128893	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.460	188	323266	20.000	ng/u1	0.00
79) Chrysene-d12	21.720	240	298622	20.000	ng/u1	0.00
88) Perylene-d12	24.963	264	348130	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.488	96	6878	7.596	ng/uL	0.00
4) Pyridine-d5	3.900	84	51506	18.499	ng/u1	0.00
7) Phenol-d5	7.249	99	77487	20.808	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.413	67	45646	19.356	ng/u1	0.00
11) 2-Chlorophenol-d4	7.625	132	50995	19.964	ng/u1	0.00
15) 4-Methylphenol-d8	8.794	113	60188	20.528	ng/u1	0.00
21) Nitrobenzene-d5	9.258	128	28076	20.957	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	31493	20.585	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.521	165	63150	21.400	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.038	131	87346	20.388	ng/u1	0.00
46) Dimethylphthalate-d6	14.117	166	211036	19.915	ng/u1	0.00
49) Acenaphthylene-d8	14.417	160	235596	21.262	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	34260	20.245	ng/u1	0.00
60) Fluorene-d10	15.703	176	186473	20.903	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	34592	20.375	ng/u1	0.00
73) Anthracene-d10	17.560	188	306905	20.335	ng/u1	0.00
81) Pyrene-d10	19.834	212	342169	19.481	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.734	264	353579	20.479	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.523	88	7836	7.840	ng/uL#	79
5) Pyridine	3.923	79	57789	20.238	ng/u1	94
6) Benzaldehyde	7.231	77	43319	21.979	ng/u1	94
8) Phenol	7.272	94	73179	19.194	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.507	93	56459	19.277	ng/u1	97
12) 2-Chlorophenol	7.654	128	52760	20.274	ng/u1	89
13) 2-Methylphenol	8.529	108	56664	20.823	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.623	45	120037	18.759	ng/u1#	95
16) Acetophenone	8.917	105	98005	20.236	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.894	70	52115	19.220	ng/u1#	89
18) 4-Methylphenol	8.858	108	59889	19.652	ng/u1	92
19) Hexachloroethane	9.182	117	22049	19.531	ng/u1#	85
22) Nitrobenzene	9.305	77	80032	21.045	ng/u1	94
23) Isophorone	9.822	82	155316	18.078	ng/u1#	97
25) 2-Nitrophenol	10.016	139	33480	21.459	ng/u1	92
26) 2,4-Dimethylphenol	10.069	107	76906	20.596	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.304	93	88495	18.704	ng/u1	98
29) 2,4-Dichlorophenol	10.551	162	57692	20.813	ng/u1	97
30) Naphthalene	10.956	128	196516	20.310	ng/u1	98
32) 4-Chloroaniline	11.062	127	85929	20.441	ng/u1	96
33) Hexachlorobutadiene	11.232	225	42357	20.306	ng/u1#	82
34) Caprolactam	11.820	113	22152	20.397	ng/u1	75
35) 4-Chloro-3-methylphenol	12.178	107	77686	21.043	ng/u1#	94
36) 2-Methylnaphthalene	12.554	142	144655	20.635	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
 Data File : BG061880.D
 Acq On : 4 Jul 2024 2:24
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020553

Quant Time: Jul 04 03:40:45 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.771	142	150045	20.597	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.912	216	84598	21.856	ng/ul	94
40) Hexachlorocyclopentadiene	12.889	237	46203	17.931	ng/ul	89
41) 2,4,6-Trichlorophenol	13.153	196	52894	20.574	ng/ul	99
42) 2,4,5-Trichlorophenol	13.224	196	54955	19.459	ng/ul	86
43) 1,1'-Biphenyl	13.553	154	199607	20.099	ng/ul	99
44) 2-Chloronaphthalene	13.600	162	151633	20.344	ng/ul#	94
45) 2-Nitroaniline	13.794	65	64001	21.443	ng/ul	93
47) Dimethylphthalate	14.164	163	199006	19.525	ng/ul	99
48) 2,6-Dinitrotoluene	14.287	165	43716	22.609	ng/ul	96
50) Acenaphthylene	14.440	152	248325	20.420	ng/ul	96
51) 3-Nitroaniline	14.616	138	40823	21.689	ng/ul	93
52) Acenaphthene	14.781	153	177839	21.178	ng/ul	95
53) 2,4-Dinitrophenol	14.828	184	20167	19.964	ng/ul	92
55) 4-Nitrophenol	14.922	109	42367	21.936	ng/ul	94
56) Dibenzofuran	15.116	168	244868	20.632	ng/ul	98
57) 2,4-Dinitrotoluene	15.075	165	61960	21.850	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.333	232	55473	21.752	ng/ul#	89
59) Diethylphthalate	15.521	149	217468	19.800	ng/ul	97
61) Fluorene	15.762	166	207782	20.586	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.750	204	103876	20.489	ng/ul	91
63) 4-Nitroaniline	15.780	138	40711	21.317	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.833	198	37424	20.483	ng/ul	98
67) N-Nitrosodiphenylamine	15.968	169	170805	19.348	ng/ul	99
68) 4-Bromophenyl-phenylether	16.643	248	71983	19.628	ng/ul	97
69) Hexachlorobenzene	16.755	284	89739	21.280	ng/ul	97
70) Atrazine	16.908	200	73939	21.216	ng/ul	96
71) Pentachlorophenol	17.102	266	43700m	18.853	ng/ul	
72) Phenanthrene	17.501	178	344540	20.213	ng/ul	98
74) Anthracene	17.589	178	354505	20.125	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.518	216	84232	20.980	ng/ul	98
76) Pentachlorobenzene	15.028	250	96164	21.000	ng/ul	96
77) Carbazole	17.860	167	309924	20.906	ng/ul	97
78) Di-n-butylphthalate	18.406	149	381123	20.024	ng/ul	100
80) Fluoranthene	19.505	202	400158	19.251	ng/ul	99
82) Pyrene	19.863	202	410829	19.133	ng/ul	99
83) Butylbenzylphthalate	20.739	149	175091	19.430	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.614	252	157956	22.234	ng/ul	99
85) Benzo(a)anthracene	21.696	228	418877	19.373	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.596	149	255044	19.723	ng/ul	98
87) Chrysene	21.767	228	400261	19.775	ng/ul	99
89) Di-n-octyl phthalate	22.824	149	441022	20.736	ng/ul	100
90) Benzo(b)fluoranthene	23.929	252	447633	20.409	ng/ul	98
91) Benzo(k)fluoranthene	23.994	252	446008	20.392	ng/ul	96
93) Benzo(a)pyrene	24.810	252	425077	20.466	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.653	276	544232	20.505	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.723	278	445188	20.309	ng/ul	98
96) Benzo(g,h,i)perylene	29.799	276	436357m	20.665	ng/ul	

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

