

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
 Data File : BG061965.D
 Acq On : 9 Jul 2024 7:41
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020561

Quant Time: Jul 09 08:17:20 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 :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	37335	20.000	ng/u1	0.00
20) Naphthalene-d8	10.909	136	189384	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	148393	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.460	188	367105	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.719	240	327589	20.000	ng/u1	0.00
88) Perylene-d12	24.957	264	403123	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	7102m	7.148	ng/uL	0.00
4) Pyridine-d5	3.899	84	55224	18.077	ng/u1	0.00
7) Phenol-d5	7.242	99	77656	19.006	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.419	67	43866	16.954	ng/u1	0.00
11) 2-Chlorophenol-d4	7.624	132	54001	19.268	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	64577	20.074	ng/u1	0.00
21) Nitrobenzene-d5	9.264	128	28817	20.007	ng/u1	0.00
24) 2-Nitrophenol-d4	9.980	143	35517	21.593	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.521	165	67612	21.311	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.038	131	92251	20.028	ng/u1	0.00
46) Dimethylphthalate-d6	14.117	166	225770	18.506	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	253673	19.885	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	37791	19.397	ng/u1	0.00
60) Fluorene-d10	15.703	176	208052	20.258	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	39952	20.722	ng/u1	0.00
73) Anthracene-d10	17.560	188	339992	19.837	ng/u1	0.00
81) Pyrene-d10	19.833	212	380232	19.733	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.734	264	400684	20.041	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.517	88	8736	7.966	ng/uL#	78
5) Pyridine	3.923	79	56957	18.180	ng/u1	96
6) Benzaldehyde	7.231	77	51220	23.686	ng/u1	92
8) Phenol	7.272	94	79068	18.902	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.507	93	57412	17.866	ng/u1	96
12) 2-Chlorophenol	7.654	128	55177	19.324	ng/u1#	86
13) 2-Methylphenol	8.535	108	57945	19.408	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.611	45	122793	17.490	ng/u1	98
16) Acetophenone	8.917	105	101648	19.129	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.893	70	53023	17.823	ng/u1	91
18) 4-Methylphenol	8.858	108	63645	19.035	ng/u1	99
19) Hexachloroethane	9.181	117	24094	19.452	ng/u1#	80
22) Nitrobenzene	9.299	77	87256	21.342	ng/u1	94
23) Isophorone	9.822	82	163913	17.746	ng/u1#	93
25) 2-Nitrophenol	10.016	139	35237	21.007	ng/u1	96
26) 2,4-Dimethylphenol	10.068	107	81221	20.232	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.303	93	89559	17.607	ng/u1	96
29) 2,4-Dichlorophenol	10.550	162	64095	21.507	ng/u1	95
30) Naphthalene	10.956	128	204384	19.647	ng/u1#	97
32) 4-Chloroaniline	11.061	127	89050	19.703	ng/u1	99
33) Hexachlorobutadiene	11.226	225	47462	21.164	ng/u1#	87
34) Caprolactam	11.813	113	23154m	19.831	ng/u1	
35) 4-Chloro-3-methylphenol	12.178	107	83150	20.949	ng/u1	98
36) 2-Methylnaphthalene	12.554	142	152672	20.257	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.771	142	160459	20.487	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.912	216	93194	20.913	ng/ul	92
40) Hexachlorocyclopentadiene	12.889	237	45795	15.437	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.153	196	57185	19.320	ng/ul	94
42) 2,4,5-Trichlorophenol	13.229	196	66264m	20.380	ng/ul	
43) 1,1'-Biphenyl	13.553	154	217171	18.994	ng/ul	96
44) 2-Chloronaphthalene	13.600	162	163194	19.018	ng/ul	95
45) 2-Nitroaniline	13.799	65	72446	21.082	ng/ul	95
47) Dimethylphthalate	14.164	163	217599	18.544	ng/ul	99
48) 2,6-Dinitrotoluene	14.287	165	49509	22.240	ng/ul	98
50) Acenaphthylene	14.440	152	269703	19.263	ng/ul	98
51) 3-Nitroaniline	14.622	138	47034	21.706	ng/ul	86
52) Acenaphthene	14.781	153	190041	19.657	ng/ul	98
53) 2,4-Dinitrophenol	14.828	184	24195	20.804	ng/ul	97
55) 4-Nitrophenol	14.922	109	50149	22.553	ng/ul	84
56) Dibenzofuran	15.115	168	269476	19.722	ng/ul	95
57) 2,4-Dinitrotoluene	15.074	165	74805	22.914	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.339	232	58659	19.979	ng/ul	96
59) Diethylphthalate	15.521	149	240553	19.023	ng/ul	96
61) Fluorene	15.762	166	231788	19.947	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.750	204	113946	19.522	ng/ul#	87
63) 4-Nitroaniline	15.774	138	47535	21.619	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.832	198	46614	22.466	ng/ul#	97
67) N-Nitrosodiphenylamine	15.962	169	192811	19.232	ng/ul	97
68) 4-Bromophenyl-phenylether	16.643	248	83590	20.071	ng/ul	96
69) Hexachlorobenzene	16.755	284	101527	21.200	ng/ul	95
70) Atrazine	16.907	200	82080	20.740	ng/ul	95
71) Pentachlorophenol	17.101	266	48937	18.591	ng/ul	91
72) Phenanthrene	17.501	178	376252	19.438	ng/ul	98
74) Anthracene	17.589	178	394762	19.734	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.517	216	91205	20.004	ng/ul	97
76) Pentachlorobenzene	15.027	250	109025	20.965	ng/ul	98
77) Carbazole	17.859	167	338052	20.080	ng/ul	99
78) Di-n-butylphthalate	18.406	149	417847	19.332	ng/ul	99
80) Fluoranthene	19.504	202	444005	19.471	ng/ul	96
82) Pyrene	19.863	202	454068	19.277	ng/ul	96
83) Butylbenzylphthalate	20.738	149	183355	18.548	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.614	252	175114	22.469	ng/ul	100
85) Benzo(a)anthracene	21.696	228	476575	20.093	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.596	149	263264	18.559	ng/ul#	98
87) Chrysene	21.766	228	436862	19.675	ng/ul	98
89) Di-n-octyl phthalate	22.812	149	470170	19.091	ng/ul	100
90) Benzo(b)fluoranthene	23.929	252	487396	19.190	ng/ul	97
91) Benzo(k)fluoranthene	23.993	252	509558	20.119	ng/ul#	92
93) Benzo(a)pyrene	24.798	252	471267	19.595	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.653	276	613206	19.952	ng/ul	96
95) Dibenzo(a,h)anthracene	28.717	278	510040	20.093	ng/ul	98
96) Benzo(g,h,i)perylene	29.810	276	475915m	19.464	ng/ul	

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

