

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063791.D
 Acq On : 23 Dec 2024 20:07
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020579

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 00:56:08 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Dec 24 00:44:39 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	96075	20.000	ng/u1	0.00
20) Naphthalene-d8	10.585	136	394705	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	314929	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.189	188	768339	20.000	ng/u1	0.00
79) Chrysene-d12	21.437	240	821913	20.000	ng/u1	0.00
88) Perylene-d12	24.445	264	840515	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	19281m	7.865	ng/uL	0.00
4) Pyridine-d5	3.663	84	159327	20.601	ng/u1	0.00
7) Phenol-d5	6.983	99	177460	20.056	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	119975	19.632	ng/u1	0.00
11) 2-Chlorophenol-d4	7.335	132	113643	19.838	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	136727	19.903	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	62462	22.164	ng/u1	0.00
24) 2-Nitrophenol-d4	9.674	143	69354	21.954	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	136238	22.275	ng/u1	0.00
31) 4-Chloroaniline-d4	10.726	131	187365	24.126	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	460399	21.484	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	547239	22.402	ng/u1	0.00
54) 4-Nitrophenol-d4	14.668	143	65097	21.440	ng/u1	0.00
60) Fluorene-d10	15.432	176	424654	22.413	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.567	200	85381	21.403	ng/u1	0.00
73) Anthracene-d10	17.289	188	777034	23.522	ng/u1	0.00
81) Pyrene-d10	19.586	212	938386	21.940	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.245	264	890370	22.558	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.293	88	27752	9.565	ng/uL	95
5) Pyridine	3.687	79	166554	20.106	ng/u1	94
6) Benzaldehyde	6.942	77	109552	20.184	ng/u1	91
8) Phenol	7.012	94	190858	20.239	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.224	93	145913	20.223	ng/u1	97
12) 2-Chlorophenol	7.371	128	119158m	20.549	ng/u1	
13) 2-Methylphenol	8.252	108	135236	19.842	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.317	45	221945	20.721	ng/u1	98
16) Acetophenone	8.616	105	240938	20.677	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.599	70	140157	20.159	ng/u1#	85
18) 4-Methylphenol	8.581	108	156177	20.936	ng/u1	99
19) Hexachloroethane	8.869	117	53703	18.848	ng/u1	92
22) Nitrobenzene	8.998	77	193315	20.541	ng/u1	98
23) Isophorone	9.515	82	376732	21.187	ng/u1	98
25) 2-Nitrophenol	9.703	139	73378	22.601	ng/u1	88
26) 2,4-Dimethylphenol	9.774	107	159947	21.711	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.997	93	210959	21.935	ng/u1#	96
29) 2,4-Dichlorophenol	10.244	162	136624	22.481	ng/u1	96
30) Naphthalene	10.637	128	428060	21.691	ng/u1	98
32) 4-Chloroaniline	10.749	127	180231	24.392	ng/u1	92
33) Hexachlorobutadiene	10.920	225	95550	19.353	ng/u1	97
34) Caprolactam	11.495	113	49220m	23.429	ng/u1	
35) 4-Chloro-3-methylphenol	11.889	107	154911	21.712	ng/u1	95
36) 2-Methylnaphthalene	12.253	142	302185	21.306	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.471	142	319359	22.106	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.623	216	195535	19.395	ng/ul	99
40) Hexachlorocyclopentadiene	12.600	237	76300	19.145	ng/ul	93
41) 2,4,6-Trichlorophenol	12.870	196	115352	20.244	ng/ul	97
42) 2,4,5-Trichlorophenol	12.952	196	120442	20.254	ng/ul	99
43) 1,1'-Biphenyl	13.264	154	439290	21.151	ng/ul	93
44) 2-Chloronaphthalene	13.311	162	348774	20.912	ng/ul	97
45) 2-Nitroaniline	13.516	65	119593	21.408	ng/ul	92
47) Dimethylphthalate	13.893	163	465214	21.661	ng/ul	97
48) 2,6-Dinitrotoluene	14.016	165	91896	23.039	ng/ul#	93
50) Acenaphthylene	14.157	152	587448	22.427	ng/ul	99
51) 3-Nitroaniline	14.345	138	61278	16.616	ng/ul	93
52) Acenaphthene	14.504	153	417077	22.465	ng/ul	97
53) 2,4-Dinitrophenol	14.574	184	40770m	20.001	ng/ul	
55) 4-Nitrophenol	14.686	109	67284	21.341	ng/ul	88
56) Dibenzofuran	14.838	168	585324	22.363	ng/ul	99
57) 2,4-Dinitrotoluene	14.815	165	137602	23.217	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.073	232	109466	21.355	ng/ul#	95
59) Diethylphthalate	15.261	149	472225	22.744	ng/ul	98
61) Fluorene	15.491	166	480730	23.001	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.485	204	255574	21.950	ng/ul	94
63) 4-Nitroaniline	15.514	138	51306	13.897	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.585	198	90106	21.925	ng/ul#	89
67) N-Nitrosodiphenylamine	15.696	169	412042	22.146	ng/ul	100
68) 4-Bromophenyl-phenylether	16.378	248	168408	21.507	ng/ul	94
69) Hexachlorobenzene	16.501	284	189631	21.615	ng/ul	95
70) Atrazine	16.654	200	174337	22.166	ng/ul	94
71) Pentachlorophenol	16.854	266	62561	16.913	ng/ul	98
72) Phenanthrene	17.230	178	867775	23.437	ng/ul	98
74) Anthracene	17.324	178	896599	23.925	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.234	216	198836	19.396	ng/ul	95
76) Pentachlorobenzene	14.762	250	207383	20.420	ng/ul	99
77) Carbazole	17.594	167	788473	25.992	ng/ul	97
78) Di-n-butylphthalate	18.152	149	916589	25.019	ng/ul	99
80) Fluoranthene	19.251	202	1113986	22.916	ng/ul	96
82) Pyrene	19.615	202	1180781	22.830	ng/ul#	94
83) Butylbenzylphthalate	20.508	149	377176	23.757	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.343	252	289921	19.540	ng/ul	93
85) Benzo(a)anthracene	21.419	228	1125548	21.851	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.331	149	563251	24.388	ng/ul	99
87) Chrysene	21.484	228	1087544	22.152	ng/ul	98
89) Di-n-octyl phthalate	22.465	149	941036	25.939	ng/ul	100
90) Benzo(b)fluoranthene	23.499	252	1098062	22.986	ng/ul	99
91) Benzo(k)fluoranthene	23.558	252	1087921	22.831	ng/ul	98
93) Benzo(a)pyrene	24.304	252	1011443	22.557	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.847	276	1253035	22.882	ng/ul	99
95) Dibenzo(a,h)anthracene	27.888	278	1018783m	23.251	ng/ul	
96) Benzo(g,h,i)perylene	28.898	276	960828	22.112	ng/ul	98

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

