

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090924\
 Data File : BG062691.D
 Acq On : 9 Sep 2024 16:24
 Operator : JU/RC
 Sample : SSTD04055
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD040441

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
 Supervised By :mohammad ahmed 09/12/2024

Quant Time: Sep 10 01:03:51 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Sep 10 00:41:25 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	66837	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	298104	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	238526	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.278	188	610028	20.000	ng/u1	0.00
79) Chrysene-d12	21.526	240	633735	20.000	ng/u1	0.00
88) Perylene-d12	24.593	264	682818	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	24609m	16.573	ng/uL	0.00
4) Pyridine-d5	3.770	84	192647	40.932	ng/u1	0.00
7) Phenol-d5	7.072	99	232886	39.736	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.237	67	139582	39.724	ng/u1	0.00
11) 2-Chlorophenol-d4	7.443	132	173596	40.664	ng/u1	0.00
15) 4-Methylphenol-d8	8.612	113	192974	39.511	ng/u1	0.00
21) Nitrobenzene-d5	9.064	128	88307	41.447	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	100670	43.204	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	206043	40.604	ng/u1	0.00
31) 4-Chloroaniline-d4	10.833	131	281342	40.335	ng/u1	0.00
46) Dimethylphthalate-d6	13.941	166	731671	39.834	ng/u1	0.00
49) Acenaphthylene-d8	14.229	160	829135	40.644	ng/u1	0.00
54) 4-Nitrophenol-d4	14.740	143	128738	41.258	ng/u1	0.00
60) Fluorene-d10	15.527	176	662787	40.043	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	145553	41.480	ng/u1	0.00
73) Anthracene-d10	17.378	188	1166089	40.504	ng/u1	0.00
81) Pyrene-d10	19.669	212	1445692	40.539	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.382	264	1470487	40.785	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.400	88	26779	16.160	ng/uL	92
5) Pyridine	3.788	79	197605	40.029	ng/u1	98
6) Benzaldehyde	7.043	77	140691	44.060	ng/u1	95
8) Phenol	7.102	94	240171	39.421	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.331	93	182093	39.538	ng/u1	98
12) 2-Chlorophenol	7.472	128	181165	41.505	ng/u1	97
13) 2-Methylphenol	8.347	108	182951	40.046	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.424	45	328201	39.592	ng/u1	96
16) Acetophenone	8.723	105	316762	39.905	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.712	70	171480	41.267	ng/u1	94
18) 4-Methylphenol	8.677	108	205120	39.908	ng/u1	99
19) Hexachloroethane	8.988	117	72611	41.323	ng/u1	97
22) Nitrobenzene	9.105	77	238581	41.393	ng/u1#	94
23) Isophorone	9.628	82	473870	40.213	ng/u1	99
25) 2-Nitrophenol	9.816	139	108469	42.236	ng/u1	92
26) 2,4-Dimethylphenol	9.875	107	222049	40.463	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.110	93	263948	40.079	ng/u1	97
29) 2,4-Dichlorophenol	10.345	162	206976	41.412	ng/u1	98
30) Naphthalene	10.751	128	637057	39.856	ng/u1	99
32) 4-Chloroaniline	10.856	127	280139	40.383	ng/u1	100
33) Hexachlorobutadiene	11.038	225	167160	40.148	ng/u1	98
34) Caprolactam	11.614	113	73596m	40.281	ng/u1	
35) 4-Chloro-3-methylphenol	11.984	107	224526	41.182	ng/u1	99
36) 2-Methylnaphthalene	12.360	142	476017	40.352	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.578	142	481670	39.861	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.725	216	333369	40.654	ng/ul	97
40) Hexachlorocyclopentadiene	12.707	237	167657	39.958	ng/ul	94
41) 2,4,6-Trichlorophenol	12.966	196	206348	41.544	ng/ul	98
42) 2,4,5-Trichlorophenol	13.042	196	221213	41.481	ng/ul	93
43) 1,1'-Biphenyl	13.365	154	666791	39.753	ng/ul	98
44) 2-Chloronaphthalene	13.412	162	552339	40.496	ng/ul	97
45) 2-Nitroaniline	13.612	65	162243	43.349	ng/ul	97
47) Dimethylphthalate	13.988	163	757147	40.026	ng/ul	98
48) 2,6-Dinitrotoluene	14.111	165	143184	42.964	ng/ul	93
50) Acenaphthylene	14.258	152	867130	40.262	ng/ul	99
51) 3-Nitroaniline	14.434	138	139488	41.806	ng/ul	96
52) Acenaphthene	14.599	153	606438	39.752	ng/ul	98
53) 2,4-Dinitrophenol	14.646	184	91737	41.687	ng/ul	92
55) 4-Nitrophenol	14.752	109	113611	40.506	ng/ul	92
56) Dibenzofuran	14.934	168	901357	39.772	ng/ul	99
57) 2,4-Dinitrotoluene	14.899	165	220415	42.302	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.163	232	225616	41.747	ng/ul	99
59) Diethylphthalate	15.357	149	743647	39.850	ng/ul	100
61) Fluorene	15.586	166	707085	39.717	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.580	204	411409	39.395	ng/ul	99
63) 4-Nitroaniline	15.604	138	152083	42.357	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.662	198	149892	41.209	ng/ul	95
67) N-Nitrosodiphenylamine	15.792	169	638025	40.781	ng/ul	98
68) 4-Bromophenyl-phenylether	16.473	248	285808	40.715	ng/ul	95
69) Hexachlorobenzene	16.591	284	325691	40.636	ng/ul	99
70) Atrazine	16.744	200	283155	40.637	ng/ul	96
71) Pentachlorophenol	16.932	266	200812	41.889	ng/ul	99
72) Phenanthrene	17.325	178	1277358	40.266	ng/ul	100
74) Anthracene	17.413	178	1304190	40.327	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.336	216	341828	41.032	ng/ul	99
76) Pentachlorobenzene	14.857	250	366851	39.739	ng/ul	99
77) Carbazole	17.684	167	1115649	41.599	ng/ul	98
78) Di-n-butylphthalate	18.248	149	1302178	41.056	ng/ul	99
80) Fluoranthene	19.335	202	1596268	40.415	ng/ul	99
82) Pyrene	19.699	202	1712139	40.270	ng/ul	98
83) Butylbenzylphthalate	20.592	149	535443	42.424	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.426	252	564379	42.300	ng/ul	99
85) Benzo(a)anthracene	21.509	228	1764888	40.041	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.426	149	775854	41.748	ng/ul	99
87) Chrysene	21.573	228	1673327	40.017	ng/ul	98
89) Di-n-octyl phthalate	22.584	149	1337746	42.119	ng/ul	100
90) Benzo(b)fluoranthene	23.624	252	1700176	40.329	ng/ul	99
91) Benzo(k)fluoranthene	23.688	252	1782839	41.301	ng/ul	100
93) Benzo(a)pyrene	24.452	252	1628571	40.957	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.054	276	2007274	40.972	ng/ul	98
95) Dibenzo(a,h)anthracene	28.107	278	1615460	41.052	ng/ul	99
96) Benzo(g,h,i)perylene	29.135	276	1525969	40.329	ng/ul	98

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

