

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080724\
 Data File : BG062296.D
 Acq On : 7 Aug 2024 10:07
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020594

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 08 06:10:12 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Aug 07 01:46:39 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	51398	20.000	ng/u1	0.00
20) Naphthalene-d8	10.754	136	243191	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.578	164	187047	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	402202	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	395860	20.000	ng/u1	0.00
88) Perylene-d12	24.653	264	447578	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	9510	7.978	ng/uL	0.00
4) Pyridine-d5	3.828	84	65357	17.428	ng/u1	0.00
7) Phenol-d5	7.112	99	100693	20.525	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.288	67	62151	20.581	ng/u1	0.00
11) 2-Chlorophenol-d4	7.494	132	73622	20.946	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	84521	20.684	ng/u1	0.00
21) Nitrobenzene-d5	9.109	128	36658	24.446	ng/u1	0.00
24) 2-Nitrophenol-d4	9.832	143	38123	27.025	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.366	165	87876	21.448	ng/u1	0.00
31) 4-Chloroaniline-d4	10.877	131	119201	20.059	ng/u1	0.00
46) Dimethylphthalate-d6	13.985	166	278698	19.312	ng/u1	0.00
49) Acenaphthylene-d8	14.273	160	326282	19.941	ng/u1	0.00
54) 4-Nitrophenol-d4	14.754	143	43629	21.594	ng/u1	0.00
60) Fluorene-d10	15.571	176	252028	19.456	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	31292	26.271	ng/u1	0.00
73) Anthracene-d10	17.415	188	393685	20.294	ng/u1	0.00
81) Pyrene-d10	19.695	212	473653	20.131	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.441	264	481871	20.140	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.458	88	9583	7.121	ng/uL	92
5) Pyridine	3.846	79	74489	19.110	ng/u1	99
6) Benzaldehyde	7.094	77	57851m	22.314	ng/u1	
8) Phenol	7.141	94	106945	20.660	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.382	93	77589	20.225	ng/u1	94
12) 2-Chlorophenol	7.523	128	76172	20.398	ng/u1	93
13) 2-Methylphenol	8.392	108	78369	20.078	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.480	45	162728	20.761	ng/u1	98
16) Acetophenone	8.774	105	133473	20.511	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.762	70	72310	20.909	ng/u1	96
18) 4-Methylphenol	8.715	108	91545	20.944	ng/u1	93
19) Hexachloroethane	9.044	117	29149	21.004	ng/u1#	83
22) Nitrobenzene	9.150	77	98537	23.107	ng/u1	99
23) Isophorone	9.679	82	197813	19.282	ng/u1	100
25) 2-Nitrophenol	9.861	139	43685	25.531	ng/u1	96
26) 2,4-Dimethylphenol	9.920	107	98685	20.149	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.161	93	116043	20.058	ng/u1	99
29) 2,4-Dichlorophenol	10.395	162	88765	21.376	ng/u1	97
30) Naphthalene	10.807	128	280349	20.281	ng/u1	100
32) 4-Chloroaniline	10.901	127	114474	19.709	ng/u1	98
33) Hexachlorobutadiene	11.095	225	63146	20.092	ng/u1	96
34) Caprolactam	11.647	113	28390	19.546	ng/u1	91
35) 4-Chloro-3-methylphenol	12.023	107	101510	21.784	ng/u1	98
36) 2-Methylnaphthalene	12.410	142	206378	21.670	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	210732	21.357	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	128372	21.021	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	51561	21.726	ng/ul	99
41) 2,4,6-Trichlorophenol	13.010	196	77834	21.975	ng/ul	95
42) 2,4,5-Trichlorophenol	13.074	196	84023	22.018	ng/ul	98
43) 1,1'-Biphenyl	13.415	154	290198	20.477	ng/ul	99
44) 2-Chloronaphthalene	13.456	162	225300	20.460	ng/ul	100
45) 2-Nitroaniline	13.644	65	68549	24.442	ng/ul	96
47) Dimethylphthalate	14.032	163	278922	19.266	ng/ul	99
48) 2,6-Dinitrotoluene	14.149	165	48963	24.770	ng/ul#	95
50) Acenaphthylene	14.302	152	345738	19.831	ng/ul	99
51) 3-Nitroaniline	14.466	138	49701	22.086	ng/ul	96
52) Acenaphthene	14.643	153	260164	20.043	ng/ul	98
53) 2,4-Dinitrophenol	14.672	184	17754	22.588	ng/ul	87
55) 4-Nitrophenol	14.766	109	37426	20.709	ng/ul	92
56) Dibenzofuran	14.978	168	363746	20.285	ng/ul	99
57) 2,4-Dinitrotoluene	14.931	165	72915	26.891	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.195	232	75322	21.919	ng/ul	96
59) Diethylphthalate	15.400	149	275405	18.839	ng/ul	98
61) Fluorene	15.624	166	273887	19.534	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.624	204	142647	19.733	ng/ul	95
63) 4-Nitroaniline	15.630	138	47393	21.853	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.688	198	34766	25.331	ng/ul	96
67) N-Nitrosodiphenylamine	15.829	169	244724	20.305	ng/ul	99
68) 4-Bromophenyl-phenylether	16.511	248	95769	20.899	ng/ul	98
69) Hexachlorobenzene	16.622	284	110333	20.697	ng/ul	97
70) Atrazine	16.781	200	96111	20.815	ng/ul	98
71) Pentachlorophenol	16.963	266	59387	21.157	ng/ul	96
72) Phenanthrene	17.363	178	457018	20.188	ng/ul	99
74) Anthracene	17.451	178	471104	20.277	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.380	216	133810	22.214	ng/ul	100
76) Pentachlorobenzene	14.895	250	133024	21.109	ng/ul	96
77) Carbazole	17.715	167	383052	20.103	ng/ul	100
78) Di-n-butylphthalate	18.291	149	464217	20.475	ng/ul	100
80) Fluoranthene	19.366	202	534226	20.080	ng/ul	98
82) Pyrene	19.724	202	569502	20.101	ng/ul	99
83) Butylbenzylphthalate	20.629	149	202614	20.721	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	194810	21.863	ng/ul	100
85) Benzo(a)anthracene	21.539	228	579513	19.990	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.480	149	302327	20.033	ng/ul	96
87) Chrysene	21.604	228	550913	20.130	ng/ul	98
89) Di-n-octyl phthalate	22.655	149	507829	19.918	ng/ul	100
90) Benzo(b)fluoranthene	23.672	252	548896	20.161	ng/ul	98
91) Benzo(k)fluoranthene	23.742	252	550286	19.867	ng/ul	99
93) Benzo(a)pyrene	24.506	252	515965	20.028	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.142	276	673068	20.161	ng/ul	99
95) Dibenzo(a,h)anthracene	28.207	278	542280	19.888	ng/ul	99
96) Benzo(g,h,i)perylene	29.223	276	503829	19.874	ng/ul	98

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

