

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062815.D
 Acq On : 14 Sep 2024 17:22
 Operator : JU/RC
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020489

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 00:50:32 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Sep 10 01:28:17 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.902	152	39707	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	179131	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.529	164	154012	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.273	188	420607	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	468603	20.000	ng/u1	0.00
88) Perylene-d12	24.582	264	512347	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	6992	7.960	ng/uL	0.00
4) Pyridine-d5	3.766	84	50243	17.969	ng/u1	0.00
7) Phenol-d5	7.068	99	66225	19.020	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.232	67	37380	17.907	ng/u1	0.00
11) 2-Chlorophenol-d4	7.438	132	52094	20.540	ng/u1	0.00
15) 4-Methylphenol-d8	8.607	113	58501	20.162	ng/u1	0.00
21) Nitrobenzene-d5	9.054	128	25848	20.189	ng/u1	0.00
24) 2-Nitrophenol-d4	9.776	143	32287	23.059	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	62945	20.643	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	80661	19.244	ng/u1	0.00
46) Dimethylphthalate-d6	13.936	166	223625	18.855	ng/u1	0.00
49) Acenaphthylene-d8	14.224	160	253492	19.245	ng/u1	0.00
54) 4-Nitrophenol-d4	14.729	143	39374	19.543	ng/u1	0.00
60) Fluorene-d10	15.522	176	206944	19.363	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	46927	19.396	ng/u1	0.00
73) Anthracene-d10	17.373	188	382932	19.291	ng/u1	0.00
81) Pyrene-d10	19.665	212	503081	19.078	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.377	264	517581	19.132	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	7745	7.867	ng/uL#	95
5) Pyridine	3.783	79	54023	18.421	ng/u1	96
6) Benzaldehyde	7.044	77	44082m	23.027	ng/u1	
8) Phenol	7.091	94	70416	19.455	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.320	93	51309	18.753	ng/u1	97
12) 2-Chlorophenol	7.467	128	53534	20.644	ng/u1	97
13) 2-Methylphenol	8.343	108	55889	20.592	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.419	45	96499	19.595	ng/u1	96
16) Acetophenone	8.719	105	95259	20.200	ng/u1#	92
17) N-Nitroso-di-n-propyla...	8.701	70	50750	20.558	ng/u1#	94
18) 4-Methylphenol	8.672	108	61834	20.250	ng/u1	96
19) Hexachloroethane	8.977	117	21667	20.755	ng/u1	91
22) Nitrobenzene	9.095	77	69280	20.003	ng/u1	98
23) Isophorone	9.618	82	142175	20.078	ng/u1	97
25) 2-Nitrophenol	9.806	139	35034	22.702	ng/u1#	95
26) 2,4-Dimethylphenol	9.870	107	68590	20.800	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.099	93	74267	18.767	ng/u1	97
29) 2,4-Dichlorophenol	10.346	162	60800	20.244	ng/u1	96
30) Naphthalene	10.746	128	185695	19.334	ng/u1	98
32) 4-Chloroaniline	10.851	127	80743	19.370	ng/u1	97
33) Hexachlorobutadiene	11.034	225	53581	21.416	ng/u1	94
34) Caprolactam	11.598	113	23528m	21.256	ng/u1	
35) 4-Chloro-3-methylphenol	11.980	107	70588	21.546	ng/u1	98
36) 2-Methylnaphthalene	12.350	142	142456	20.096	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.573	142	147561	20.322	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.720	216	104324	19.703	ng/ul	97
40) Hexachlorocyclopentadiene	12.702	237	49790	18.378	ng/ul	98
41) 2,4,6-Trichlorophenol	12.961	196	66873	20.852	ng/ul	99
42) 2,4,5-Trichlorophenol	13.031	196	73433	21.326	ng/ul	97
43) 1,1'-Biphenyl	13.360	154	206201	19.039	ng/ul	99
44) 2-Chloronaphthalene	13.407	162	167930	19.068	ng/ul	98
45) 2-Nitroaniline	13.607	65	49284	20.394	ng/ul	96
47) Dimethylphthalate	13.983	163	233184	19.092	ng/ul	98
48) 2,6-Dinitrotoluene	14.101	165	44704	20.775	ng/ul	97
50) Acenaphthylene	14.253	152	263629	18.958	ng/ul	100
51) 3-Nitroaniline	14.430	138	44862	20.824	ng/ul#	96
52) Acenaphthene	14.594	153	188513	19.138	ng/ul	99
53) 2,4-Dinitrophenol	14.635	184	24648	17.347	ng/ul	94
55) 4-Nitrophenol	14.747	109	36715	20.273	ng/ul	98
56) Dibenzofuran	14.929	168	273860	18.715	ng/ul	99
57) 2,4-Dinitrotoluene	14.888	165	71048	21.118	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.158	232	72198	20.690	ng/ul	98
59) Diethylphthalate	15.346	149	229793	19.071	ng/ul	100
61) Fluorene	15.581	166	219929	19.132	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.575	204	130934	19.418	ng/ul	97
63) 4-Nitroaniline	15.593	138	48799	21.049	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.658	198	48468	19.326	ng/ul#	96
67) N-Nitrosodiphenylamine	15.787	169	201922	18.719	ng/ul	98
68) 4-Bromophenyl-phenylether	16.468	248	93778	19.376	ng/ul	95
69) Hexachlorobenzene	16.586	284	106575	19.286	ng/ul	97
70) Atrazine	16.733	200	95855	19.952	ng/ul	97
71) Pentachlorophenol	16.927	266	62459	18.896	ng/ul	91
72) Phenanthrene	17.320	178	415509	18.997	ng/ul	99
74) Anthracene	17.408	178	428972	19.238	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.331	216	108729	18.929	ng/ul	99
76) Pentachlorobenzene	14.853	250	118986	18.694	ng/ul	99
77) Carbazole	17.679	167	367785	19.890	ng/ul	98
78) Di-n-butylphthalate	18.243	149	430894	19.704	ng/ul	99
80) Fluoranthene	19.330	202	560178	19.181	ng/ul	98
82) Pyrene	19.694	202	592462	18.846	ng/ul	99
83) Butylbenzylphthalate	20.587	149	199720	21.400	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.421	252	215915	21.885	ng/ul	99
85) Benzo(a)anthracene	21.504	228	634416	19.466	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	283208	20.609	ng/ul	97
87) Chrysene	21.568	228	594368	19.223	ng/ul	99
89) Di-n-octyl phthalate	22.573	149	484646	20.336	ng/ul	100
90) Benzo(b)fluoranthene	23.619	252	609129	19.256	ng/ul	99
91) Benzo(k)fluoranthene	23.678	252	613360	18.937	ng/ul	97
93) Benzo(a)pyrene	24.441	252	568687	19.060	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.043	276	732078	19.915	ng/ul	99
95) Dibenzo(a,h)anthracene	28.090	278	588534	19.932	ng/ul	98
96) Benzo(g,h,i)perylene	29.124	276	559796m	19.717	ng/ul	

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

