

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062924.D
 Acq On : 19 Sep 2024 1:41
 Operator : JU/RC
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020498

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 19 03:27:09 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Sep 18 00:45:18 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	45069	20.000	ng/u1	0.00
20) Naphthalene-d8	10.644	136	179219	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.492	164	139704	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.242	188	331643	20.000	ng/u1	0.00
79) Chrysene-d12	21.496	240	358293	20.000	ng/u1	# 0.01
88) Perylene-d12	24.539	264	409265	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	9630m	6.258	ng/uL	0.00
4) Pyridine-d5	3.734	84	73012	17.478	ng/u1	0.00
7) Phenol-d5	7.024	99	83928	17.946	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.189	67	46872	17.910	ng/u1	0.00
11) 2-Chlorophenol-d4	7.395	132	56470	18.392	ng/u1	0.00
15) 4-Methylphenol-d8	8.564	113	61735	18.020	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	28109	19.687	ng/u1	0.00
24) 2-Nitrophenol-d4	9.727	143	32421	20.015	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	65689	19.546	ng/u1	0.00
31) 4-Chloroaniline-d4	10.779	131	77900	18.626	ng/u1	0.00
46) Dimethylphthalate-d6	13.893	166	197288	18.990	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	222163	19.147	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	30514	18.329	ng/u1	0.00
60) Fluorene-d10	15.485	176	187762	19.410	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	37733	18.822	ng/u1	0.00
73) Anthracene-d10	17.336	188	298965	19.074	ng/u1	0.00
81) Pyrene-d10	19.633	212	394425	18.176	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.328	264	413455	19.156	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	10980	7.211	ng/uL#	91
5) Pyridine	3.758	79	73272	17.614	ng/u1	93
6) Benzaldehyde	7.001	77	54709	21.375	ng/u1	87
8) Phenol	7.054	94	86193	17.668	ng/u1#	87
10) Bis(2-Chloroethyl)ether	7.277	93	61544	18.658	ng/u1	85
12) 2-Chlorophenol	7.424	128	60133	19.080	ng/u1	93
13) 2-Methylphenol	8.299	108	63369	18.779	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.370	45	71047	17.360	ng/u1#	95
16) Acetophenone	8.670	105	104299	19.355	ng/u1#	95
17) N-Nitroso-di-n-propyla...	8.658	70	56169	17.850	ng/u1#	95
18) 4-Methylphenol	8.628	108	67375	18.243	ng/u1	91
19) Hexachloroethane	8.928	117	26154	19.534	ng/u1	89
22) Nitrobenzene	9.051	77	86561	20.421	ng/u1#	95
23) Isophorone	9.569	82	165062	19.554	ng/u1#	92
25) 2-Nitrophenol	9.757	139	35397	19.901	ng/u1#	80
26) 2,4-Dimethylphenol	9.821	107	80219	20.129	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.056	93	88619	19.747	ng/u1	99
29) 2,4-Dichlorophenol	10.297	162	65966	19.828	ng/u1	94
30) Naphthalene	10.697	128	190510	19.145	ng/u1#	92
32) 4-Chloroaniline	10.802	127	79624	19.554	ng/u1	95
33) Hexachlorobutadiene	10.984	225	58113	21.854	ng/u1	92
34) Caprolactam	11.554	113	21428m	19.347	ng/u1	
35) 4-Chloro-3-methylphenol	11.930	107	76377	19.975	ng/u1	89
36) 2-Methylnaphthalene	12.306	142	137617	19.191	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.530	142	136913	18.866	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.677	216	99751	20.147	ng/ul	98
40) Hexachlorocyclopentadiene	12.659	237	53512	20.373	ng/ul	96
41) 2,4,6-Trichlorophenol	12.918	196	60985	19.767	ng/ul	91
42) 2,4,5-Trichlorophenol	12.988	196	63217	19.504	ng/ul	94
43) 1,1'-Biphenyl	13.323	154	197284	19.010	ng/ul	96
44) 2-Chloronaphthalene	13.364	162	157149	18.842	ng/ul	97
45) 2-Nitroaniline	13.564	65	57627	20.437	ng/ul	98
47) Dimethylphthalate	13.940	163	198470	18.672	ng/ul#	99
48) 2,6-Dinitrotoluene	14.063	165	38343	18.905	ng/ul	87
50) Acenaphthylene	14.210	152	226553	18.546	ng/ul	95
51) 3-Nitroaniline	14.392	138	34537	18.988	ng/ul#	79
52) Acenaphthene	14.551	153	167396	18.866	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	25270	20.861	ng/ul	97
55) 4-Nitrophenol	14.710	109	41459	22.053	ng/ul#	84
56) Dibenzofuran	14.892	168	249740	18.979	ng/ul	98
57) 2,4-Dinitrotoluene	14.851	165	62236	20.360	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.115	232	56071	19.224	ng/ul#	95
59) Diethylphthalate	15.309	149	203295	17.190	ng/ul	100
61) Fluorene	15.538	166	188823	18.755	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.532	204	112128	20.183	ng/ul	98
63) 4-Nitroaniline	15.556	138	35790	19.607	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.620	198	43480	20.274	ng/ul#	94
67) N-Nitrosodiphenylamine	15.749	169	178712	19.188	ng/ul	98
68) 4-Bromophenyl-phenylether	16.431	248	75772	20.551	ng/ul	96
69) Hexachlorobenzene	16.549	284	90569	21.275	ng/ul	92
70) Atrazine	16.695	200	79907	20.685	ng/ul	98
71) Pentachlorophenol	16.889	266	46281	19.065	ng/ul	91
72) Phenanthrene	17.283	178	340657	19.335	ng/ul	98
74) Anthracene	17.371	178	346798	19.063	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.288	216	102305	20.229	ng/ul	99
76) Pentachlorobenzene	14.809	250	109763	20.564	ng/ul	98
77) Carbazole	17.641	167	286191	19.760	ng/ul	99
78) Di-n-butylphthalate	18.205	149	347369	18.647	ng/ul	99
80) Fluoranthene	19.298	202	435448	18.387	ng/ul#	95
82) Pyrene	19.663	202	459726	18.209	ng/ul#	95
83) Butylbenzylphthalate	20.561	149	150893	17.196	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.396	252	162249	20.190	ng/ul#	99
85) Benzo(a)anthracene	21.472	228	470065	18.519	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.396	149	219255	17.295	ng/ul#	99
87) Chrysene	21.537	228	439812	18.519	ng/ul	98
89) Di-n-octyl phthalate	22.542	149	382199	17.633	ng/ul	100
90) Benzo(b)fluoranthene	23.576	252	491205	19.714	ng/ul#	95
91) Benzo(k)fluoranthene	23.634	252	466637	18.798	ng/ul#	98
93) Benzo(a)pyrene	24.392	252	444855	18.992	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.959	276	556775	19.399	ng/ul#	91
95) Dibenzo(a,h)anthracene	28.017	278	452069	19.703	ng/ul#	95
96) Benzo(g,h,i)perylene	29.034	276	427306m	19.390	ng/ul	

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

