

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062902.D
 Acq On : 18 Sep 2024 9:08
 Operator : JU/RC
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020496

Manual Integrations

APPROVED

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

Supervised By :mohammad
 ahmed
 09/22/2024

Quant Time: Sep 18 11:18:17 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	7.853	152	47046	20.000	ng/u1	0.00
20) Naphthalene-d8	10.644	136	212597	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.487	164	171969	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.236	188	399288m	20.000	ng/u1	0.00
79) Chrysene-d12	21.490	240	392373	20.000	ng/u1	0.00
88) Perylene-d12	24.528	264	452205	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	10906	6.790	ng/uL	0.00
4) Pyridine-d5	3.734	84	81031	18.583	ng/u1	0.00
7) Phenol-d5	7.025	99	104743	21.456	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.183	67	58198	21.303	ng/u1	0.00
11) 2-Chlorophenol-d4	7.389	132	65704	20.500	ng/u1	0.00
15) 4-Methylphenol-d8	8.564	113	75336	21.066	ng/u1	0.00
21) Nitrobenzene-d5	9.005	128	30977	18.290	ng/u1	0.00
24) 2-Nitrophenol-d4	9.727	143	38338	19.952	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	78744	19.752	ng/u1	0.00
31) 4-Chloroaniline-d4	10.773	131	100712	20.299	ng/u1	0.00
46) Dimethylphthalate-d6	13.893	166	245611	19.206	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	262097	18.350	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	37797	18.444	ng/u1	0.00
60) Fluorene-d10	15.485	176	224071	18.818	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	44520m	18.445	ng/u1	0.00
73) Anthracene-d10	17.336	188	360035	19.079	ng/u1	0.00
81) Pyrene-d10	19.634	212	454692	19.133	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.322	264	449372	18.843	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	11028	6.938	ng/uL	95
5) Pyridine	3.752	79	81999	18.884	ng/u1	94
6) Benzaldehyde	6.995	77	61268	22.931	ng/u1	99
8) Phenol	7.054	94	107176	21.045	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.277	93	77631	22.546	ng/u1	89
12) 2-Chlorophenol	7.418	128	68621	20.858	ng/u1	93
13) 2-Methylphenol	8.294	108	71601	20.327	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.370	45	87724	20.534	ng/u1	97
16) Acetophenone	8.670	105	125283	22.272	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.658	70	69102	21.037	ng/u1#	89
18) 4-Methylphenol	8.623	108	79658	20.663	ng/u1	97
19) Hexachloroethane	8.928	117	29083	20.808	ng/u1	93
22) Nitrobenzene	9.052	77	100405	19.968	ng/u1#	97
23) Isophorone	9.569	82	194885	19.462	ng/u1	99
25) 2-Nitrophenol	9.757	139	39711	18.821	ng/u1	94
26) 2,4-Dimethylphenol	9.821	107	96101	20.329	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.051	93	103124	19.372	ng/u1#	91
29) 2,4-Dichlorophenol	10.297	162	77482	19.633	ng/u1	99
30) Naphthalene	10.697	128	239435	20.284	ng/u1	100
32) 4-Chloroaniline	10.803	127	96535	19.985	ng/u1	99
33) Hexachlorobutadiene	10.979	225	61883	19.618	ng/u1	99
34) Caprolactam	11.549	113	24853m	18.917	ng/u1	
35) 4-Chloro-3-methylphenol	11.931	107	89844	19.808	ng/u1	89
36) 2-Methylnaphthalene	12.307	142	165281	19.430	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.524	142	165287	19.200	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.677	216	113944	18.696	ng/ul	99
40) Hexachlorocyclopentadiene	12.653	237	58595	18.122	ng/ul	96
41) 2,4,6-Trichlorophenol	12.918	196	71057	18.710	ng/ul#	93
42) 2,4,5-Trichlorophenol	12.994	196	75911	19.026	ng/ul	97
43) 1,1'-Biphenyl	13.317	154	240490	18.826	ng/ul	97
44) 2-Chloronaphthalene	13.358	162	193100	18.809	ng/ul	97
45) 2-Nitroaniline	13.564	65	67507	19.449	ng/ul	93
47) Dimethylphthalate	13.940	163	245170	18.738	ng/ul	99
48) 2,6-Dinitrotoluene	14.064	165	47434	19.000	ng/ul	96
50) Acenaphthylene	14.210	152	279235	18.570	ng/ul	98
51) 3-Nitroaniline	14.393	138	44065	19.681	ng/ul	93
52) Acenaphthene	14.551	153	197208	18.056	ng/ul	96
53) 2,4-Dinitrophenol	14.598	184	23013	15.433	ng/ul	87
55) 4-Nitrophenol	14.704	109	43733	18.898	ng/ul#	86
56) Dibenzofuran	14.886	168	299963	18.519	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	69718	18.528	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.115	232	68212	18.999	ng/ul#	94
59) Diethylphthalate	15.309	149	252477	17.343	ng/ul	97
61) Fluorene	15.538	166	236711	19.100	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.532	204	131566	19.239	ng/ul	98
63) 4-Nitroaniline	15.556	138	41489	18.464	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.621	198	48342	18.722	ng/ul	99
67) N-Nitrosodiphenylamine	15.744	169	211307	18.844	ng/ul	97
68) 4-Bromophenyl-phenylether	16.426	248	84942	19.135	ng/ul	95
69) Hexachlorobenzene	16.543	284	100515	19.612	ng/ul	96
70) Atrazine	16.696	200	90534	19.466	ng/ul	93
71) Pentachlorophenol	16.890	266	52146	17.842	ng/ul	94
72) Phenanthrene	17.277	178	408316m	19.249	ng/ul	
74) Anthracene	17.371	178	424057	19.360	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.282	216	118095	19.395	ng/ul	96
76) Pentachlorobenzene	14.810	250	122417	19.049	ng/ul	94
77) Carbazole	17.642	167	343341	19.689	ng/ul	99
78) Di-n-butylphthalate	18.206	149	415621	18.531	ng/ul	98
80) Fluoranthene	19.299	202	498898	19.237	ng/ul	99
82) Pyrene	19.663	202	529479	19.150	ng/ul	98
83) Butylbenzylphthalate	20.556	149	178927	18.620	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.390	252	182844	20.777	ng/ul	97
85) Benzo(a)anthracene	21.473	228	535269	19.257	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.390	149	259854	18.717	ng/ul#	95
87) Chrysene	21.531	228	514301	19.775	ng/ul	97
89) Di-n-octyl phthalate	22.536	149	450553	18.813	ng/ul	100
90) Benzo(b)fluoranthene	23.564	252	545746	19.823	ng/ul	100
91) Benzo(k)fluoranthene	23.629	252	513993	18.740	ng/ul	99
93) Benzo(a)pyrene	24.381	252	493517	19.069	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.941	276	610001	19.235	ng/ul	95
95) Dibenzo(a,h)anthracene	28.006	278	485953	19.169	ng/ul	95
96) Benzo(g,h,i)perylene	29.011	276	464833	19.090	ng/ul	95

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

