

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062955.D
 Acq On : 19 Sep 2024 23:26
 Operator : JU/RC
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020500

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2024

Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 00:24:47 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	7.858	152	54217	20.000	ng/ul	0.00
20) Naphthalene-d8	10.643	136	202130	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.492	164	162105	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.242	188	380201m	20.000	ng/ul	0.00
79) Chrysene-d12	21.489	240	413287m	20.000	ng/ul	0.00
88) Perylene-d12	24.533	264	484549	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	11641	6.289	ng/uL	0.00
4) Pyridine-d5	3.734	84	88086	17.529	ng/ul	0.00
7) Phenol-d5	7.030	99	102018	18.134	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.183	67	60026	19.066	ng/ul	0.00
11) 2-Chlorophenol-d4	7.388	132	73343	19.857	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	71464	17.340	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	33633	20.886	ng/ul	0.00
24) 2-Nitrophenol-d4	9.727	143	37112	20.315	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.267	165	74533	19.664	ng/ul	0.00
31) 4-Chloroaniline-d4	10.778	131	89262	18.923	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	223210	18.516	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	254674	18.916	ng/ul	0.00
54) 4-Nitrophenol-d4	14.697	143	34651	17.938	ng/ul	0.00
60) Fluorene-d10	15.485	176	208532	18.579	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.608	200	46643m	20.294	ng/ul	0.00
73) Anthracene-d10	17.336	188	342240	19.046	ng/ul	0.00
81) Pyrene-d10	19.633	212	452115	18.062	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.321	264	491607	19.238	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	13334	7.279	ng/uL	88
5) Pyridine	3.757	79	95390	19.062	ng/ul#	92
6) Benzaldehyde	6.995	77	66361	21.552	ng/ul	98
8) Phenol	7.059	94	105842	18.035	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.277	93	75235	18.961	ng/ul	92
12) 2-Chlorophenol	7.424	128	78265	20.643	ng/ul	96
13) 2-Methylphenol	8.299	108	75565	18.615	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.370	45	80758	16.404	ng/ul#	94
16) Acetophenone	8.669	105	120395	18.572	ng/ul#	96
17) N-Nitroso-di-n-propyla...	8.657	70	64777	17.112	ng/ul#	92
18) 4-Methylphenol	8.628	108	78342	17.634	ng/ul	100
19) Hexachloroethane	8.934	117	31161	19.346	ng/ul#	88
22) Nitrobenzene	9.051	77	106518	22.281	ng/ul	99
23) Isophorone	9.568	82	180222	18.930	ng/ul	96
25) 2-Nitrophenol	9.762	139	41813	20.843	ng/ul#	73
26) 2,4-Dimethylphenol	9.827	107	91175	20.285	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.056	93	93099	18.394	ng/ul	98
29) 2,4-Dichlorophenol	10.291	162	74315	19.806	ng/ul	95
30) Naphthalene	10.696	128	220279	19.627	ng/ul#	95
32) 4-Chloroaniline	10.808	127	85608	18.641	ng/ul	92
33) Hexachlorobutadiene	10.984	225	67796	22.606	ng/ul	98
34) Caprolactam	11.554	113	23085m	18.481	ng/ul	
35) 4-Chloro-3-methylphenol	11.936	107	83350	19.328	ng/ul	97
36) 2-Methylnaphthalene	12.306	142	155511	19.228	ng/ul	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.529	142	152236	18.599	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.676	216	115806	20.157	ng/ul	96
40) Hexachlorocyclopentadiene	12.659	237	65475	21.483	ng/ul	98
41) 2,4,6-Trichlorophenol	12.917	196	69485	19.409	ng/ul	98
42) 2,4,5-Trichlorophenol	12.988	196	74811	19.891	ng/ul	98
43) 1,1'-Biphenyl	13.317	154	224945	18.680	ng/ul#	97
44) 2-Chloronaphthalene	13.358	162	184645	19.079	ng/ul	96
45) 2-Nitroaniline	13.563	65	67528	20.639	ng/ul	91
47) Dimethylphthalate	13.945	163	226111	18.333	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	45166	19.192	ng/ul#	78
50) Acenaphthylene	14.210	152	253752	17.902	ng/ul	99
51) 3-Nitroaniline	14.392	138	40158	19.028	ng/ul#	81
52) Acenaphthene	14.551	153	185760	18.043	ng/ul	98
53) 2,4-Dinitrophenol	14.603	184	28378	20.189	ng/ul	96
55) 4-Nitrophenol	14.709	109	49091	22.504	ng/ul	92
56) Dibenzofuran	14.891	168	284424	18.628	ng/ul	98
57) 2,4-Dinitrotoluene	14.850	165	68996	19.452	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.115	232	65506	19.355	ng/ul#	99
59) Diethylphthalate	15.308	149	229099	16.695	ng/ul	95
61) Fluorene	15.538	166	214790	18.386	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.532	204	126210	19.579	ng/ul	96
63) 4-Nitroaniline	15.561	138	41351	19.523	ng/ul#	74
66) 4,6-Dinitro-2-methylph...	15.620	198	50217m	20.425	ng/ul	
67) N-Nitrosodiphenylamine	15.749	169	201630	18.884	ng/ul	99
68) 4-Bromophenyl-phenylether	16.431	248	89291	21.125	ng/ul	97
69) Hexachlorobenzene	16.548	284	105419	21.601	ng/ul	91
70) Atrazine	16.701	200	92153	20.809	ng/ul	95
71) Pentachlorophenol	16.895	266	55833	20.063	ng/ul	96
72) Phenanthrene	17.283	178	383596m	18.992	ng/ul	
74) Anthracene	17.371	178	398220	19.094	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.287	216	119941	20.687	ng/ul	98
76) Pentachlorobenzene	14.809	250	128364	20.977	ng/ul	97
77) Carbazole	17.641	167	317938	19.148	ng/ul	96
78) Di-n-butylphthalate	18.205	149	378960	17.745	ng/ul#	97
80) Fluoranthene	19.298	202	496804	18.187	ng/ul#	95
82) Pyrene	19.662	202	521445m	17.905	ng/ul	
83) Butylbenzylphthalate	20.561	149	177350	17.522	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.395	252	188691	20.356	ng/ul	91
85) Benzo(a)anthracene	21.472	228	542115m	18.516	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.390	149	249075m	17.032	ng/ul	
87) Chrysene	21.536	228	515663	18.824	ng/ul	100
89) Di-n-octyl phthalate	22.541	149	426023	16.601	ng/ul	100
90) Benzo(b)fluoranthene	23.569	252	574999	19.492	ng/ul#	98
91) Benzo(k)fluoranthene	23.634	252	556642	18.940	ng/ul#	98
93) Benzo(a)pyrene	24.392	252	523437	18.875	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.958	276	670168m	19.722	ng/ul	
95) Dibenzo(a,h)anthracene	28.011	278	526356	19.377	ng/ul#	95
96) Benzo(g,h,i)perylene	29.034	276	501267	19.212	ng/ul#	96

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

