

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062006.D
 Acq On : 11 Jul 2024 12:11
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020566

Manual Integrations

APPROVED

 Reviewed By :Jagrut
 Upadhyay

07/12/2024

 Supervised By :mohammad
 ahmed

07/12/2024

 Supervised By :mohammad
 ahmed

07/15/2024

Quant Time: Jul 12 00:11:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	37580	20.000	ng/u1	0.00
20) Naphthalene-d8	10.855	136	201294	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.674	164	135142	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.418	188	343875	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.678	240	317588	20.000	ng/u1	0.00
88) Perylene-d12	24.886	264	377049	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	8268	8.268	ng/uL	0.00
4) Pyridine-d5	3.858	84	61394	19.966	ng/u1	0.00
7) Phenol-d5	7.201	99	74506	18.116	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.359	67	46281	17.770	ng/u1	0.00
11) 2-Chlorophenol-d4	7.571	132	58171	20.620	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	61894	19.114	ng/u1	0.00
21) Nitrobenzene-d5	9.204	128	27139	17.727	ng/u1	0.00
24) 2-Nitrophenol-d4	9.933	143	31506	18.021	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.473	165	63639	18.872	ng/u1	0.00
31) 4-Chloroaniline-d4	10.985	131	90582	18.502	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	212068	19.087	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	226460	19.493	ng/u1	0.00
54) 4-Nitrophenol-d4	14.868	143	33196	18.709	ng/u1	0.00
60) Fluorene-d10	15.661	176	185481	19.831	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.779	200	28985	16.050	ng/u1	0.00
73) Anthracene-d10	17.518	188	308778	19.233	ng/u1	0.00
81) Pyrene-d10	19.798	212	345442	18.492	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.663	264	369486	19.759	ng/u1	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.476	88	10493	9.506	ng/uL	89
5) Pyridine	3.875	79	65594	20.800	ng/u1	91
6) Benzaldehyde	7.177	77	50567	23.232	ng/u1	92
8) Phenol	7.224	94	80624	19.148	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.459	93	56867	17.581	ng/u1	88
12) 2-Chlorophenol	7.600	128	58194	20.248	ng/u1	96
13) 2-Methylphenol	8.487	108	57447	19.115	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.558	45	129088m	18.267	ng/u1	
16) Acetophenone	8.863	105	106146	19.845	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.840	70	52543	17.547	ng/u1	92
18) 4-Methylphenol	8.811	108	61048	18.139	ng/u1	94
19) Hexachloroethane	9.122	117	27304	21.900	ng/u1	93
22) Nitrobenzene	9.251	77	76417	17.585	ng/u1	95
23) Isophorone	9.768	82	160312	16.329	ng/u1#	95
25) 2-Nitrophenol	9.956	139	31883	17.883	ng/u1	96
26) 2,4-Dimethylphenol	10.015	107	78094	18.302	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.256	93	87705	16.222	ng/u1	95
29) 2,4-Dichlorophenol	10.497	162	58476	18.461	ng/u1	92
30) Naphthalene	10.908	128	209834	18.977	ng/u1	99
32) 4-Chloroaniline	11.008	127	86309	17.967	ng/u1	98
33) Hexachlorobutadiene	11.173	225	53675	22.518	ng/u1#	86
34) Caprolactam	11.778	113	26217	21.125	ng/u1	93
35) 4-Chloro-3-methylphenol	12.130	107	79177	18.768	ng/u1	92
36) 2-Methylnaphthalene	12.506	142	143853	17.958	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.724	142	148233	17.807	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.871	216	85692	21.115	ng/ul	94
40) Hexachlorocyclopentadiene	12.841	237	49670	18.385	ng/ul#	88
41) 2,4,6-Trichlorophenol	13.106	196	55189	20.474	ng/ul	95
42) 2,4,5-Trichlorophenol	13.182	196	57818	19.526	ng/ul	86
43) 1,1'-Biphenyl	13.505	154	202428	19.441	ng/ul#	97
44) 2-Chloronaphthalene	13.552	162	153649	19.661	ng/ul	93
45) 2-Nitroaniline	13.758	65	61697	19.715	ng/ul	96
47) Dimethylphthalate	14.122	163	204568	19.142	ng/ul	98
48) 2,6-Dinitrotoluene	14.245	165	39790	19.627	ng/ul	98
50) Acenaphthylene	14.398	152	255128	20.009	ng/ul	99
51) 3-Nitroaniline	14.580	138	39867	20.202	ng/ul	98
52) Acenaphthene	14.739	153	173574	19.714	ng/ul	90
53) 2,4-Dinitrophenol	14.786	184	16347	15.434	ng/ul	92
55) 4-Nitrophenol	14.892	109	44076	21.765	ng/ul	90
56) Dibenzofuran	15.068	168	241675	19.421	ng/ul	90
57) 2,4-Dinitrotoluene	15.033	165	59372	19.969	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.291	232	54868	20.520	ng/ul#	94
59) Diethylphthalate	15.479	149	229238	19.906	ng/ul	97
61) Fluorene	15.720	166	203779	19.256	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.708	204	107396	20.204	ng/ul	93
63) 4-Nitroaniline	15.738	138	42149m	21.049	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.791	198	31851	16.388	ng/ul#	92
67) N-Nitrosodiphenylamine	15.926	169	177130	18.862	ng/ul	96
68) 4-Bromophenyl-phenylether	16.601	248	75330	19.310	ng/ul	94
69) Hexachlorobenzene	16.719	284	88433	19.714	ng/ul	96
70) Atrazine	16.866	200	75921	20.479	ng/ul	95
71) Pentachlorophenol	17.060	266	44231	17.938	ng/ul	98
72) Phenanthrene	17.459	178	350607	19.337	ng/ul	98
74) Anthracene	17.553	178	357613	19.085	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.476	216	84349	19.750	ng/ul	95
76) Pentachlorobenzene	14.986	250	94302	19.359	ng/ul	99
77) Carbazole	17.824	167	303033	19.216	ng/ul	98
78) Di-n-butylphthalate	18.370	149	393544	19.438	ng/ul	99
80) Fluoranthene	19.469	202	416849	18.856	ng/ul#	94
82) Pyrene	19.827	202	418455	18.324	ng/ul	97
83) Butylbenzylphthalate	20.703	149	180581	18.842	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.572	252	153703	20.343	ng/ul	98
85) Benzo(a)anthracene	21.654	228	438706	19.079	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.554	149	260601	18.950	ng/ul#	99
87) Chrysene	21.725	228	407504	18.931	ng/ul	98
89) Di-n-octyl phthalate	22.765	149	452930	19.663	ng/ul	100
90) Benzo(b)fluoranthene	23.864	252	466249m	19.627	ng/ul	
91) Benzo(k)fluoranthene	23.928	252	453468	19.143	ng/ul	94
93) Benzo(a)pyrene	24.733	252	427451	19.002	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.535	276	550179	19.139	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.593	278	470031	19.798	ng/ul	97
96) Benzo(g,h,i)perylene	29.686	276	442785	19.361	ng/ul	98

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

