

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
 Data File : BG049355.D
 Acq On : 15 Jul 2021 9:53
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020214

Manual Integrations
 APPROVED

mohammad
 7/16/2021 10:53:54 AM

Quant Time: Jul 15 10:45:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	27479	20.000	ng/u1	#-0.02
20) Naphthalene-d8	10.887	136	116390	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.712	164	85485	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.462	188	183952	20.000	ng/u1	0.00
79) Chrysene-d12	21.745	240	186827	20.000	ng/u1	0.00
88) Perylene-d12	25.035	264	192913	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	5132	8.785	ng/uL	-0.02
4) Pyridine-d5	3.878	84	36013	20.966	ng/u1	0.00
7) Phenol-d5	7.221	99	50493	21.124	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.385	67	29029	20.939	ng/u1	0.00
11) 2-Chlorophenol-d4	7.597	132	38316	21.689	ng/u1	0.00
15) 4-Methylphenol-d8	8.778	113	41235	21.531	ng/u1	0.00
21) Nitrobenzene-d5	9.230	128	19117	21.404	ng/u1	0.00
24) 2-Nitrophenol-d4	9.959	143	22918	22.353	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.505	165	45435	22.711	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	54337	20.842	ng/u1	0.00
46) Dimethylphthalate-d6	14.107	166	135705	20.642	ng/u1	0.00
49) Acenaphthylene-d8	14.407	160	160830	20.850	ng/u1	0.00
54) 4-Nitrophenol-d4	14.912	143	19603	18.015	ng/u1	0.00
60) Fluorene-d10	15.705	176	116135	20.864	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.817	200	20886	17.863	ng/u1	0.00
73) Anthracene-d10	17.562	188	188720	22.533	ng/u1	0.00
81) Pyrene-d10	19.847	212	212254	22.166	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.806	264	218715	21.810	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.490	88	5613	7.890	ng/uL#	86
5) Pyridine	3.901	79	38009	19.947	ng/u1#	87
6) Benzaldehyde	7.197	77	35920	24.980	ng/u1	94
8) Phenol	7.250	94	50773	21.240	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.479	93	36668	20.630	ng/u1#	84
12) 2-Chlorophenol	7.626	128	38576	21.633	ng/u1	97
13) 2-Methylphenol	8.508	108	37976	20.856	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.596	45	63055	22.056	ng/u1	95
16) Acetophenone	8.895	105	66087	21.036	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.872	70	34571	21.657	ng/u1	96
18) 4-Methylphenol	8.842	108	40342	21.297	ng/u1	100
19) Hexachloroethane	9.154	117	16957	21.003	ng/u1#	80
22) Nitrobenzene	9.277	77	54279	21.550	ng/u1	98
23) Isophorone	9.800	82	92730	21.313	ng/u1	98
25) 2-Nitrophenol	9.994	139	23462	22.431	ng/u1	96
26) 2,4-Dimethylphenol	10.047	107	52260	22.564	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.282	93	50631	21.827	ng/u1	97
29) 2,4-Dichlorophenol	10.529	162	42273	23.126	ng/u1	95
30) Naphthalene	10.934	128	125841	21.685	ng/u1	96
32) 4-Chloroaniline	11.040	127	53091	20.655	ng/u1	99
33) Hexachlorobutadiene	11.216	225	33553	21.645	ng/u1	96
34) Caprolactam	11.798	113	11802m	18.560	ng/u1	
35) 4-Chloro-3-methylphenol	12.162	107	45345	22.207	ng/u1	94
36) 2-Methylnaphthalene	12.538	142	97236	22.054	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.756	142	95901	21.872	ng/ul#	92
39) 1,2,4,5-Tetrachloroben...	12.908	216	58160	21.661	ng/ul#	98
40) Hexachlorocyclopentadiene	12.885	237	30942	17.352	ng/ul	98
41) 2,4,6-Trichlorophenol	13.143	196	37153	21.391	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.220	196	41451	22.438	ng/ul	85
43) 1,1'-Biphenyl	13.543	154	123654	21.410	ng/ul	100
44) 2-Chloronaphthalene	13.590	162	94608	20.908	ng/ul	98
45) 2-Nitroaniline	13.790	65	35243	21.244	ng/ul	92
47) Dimethylphthalate	14.160	163	126675	20.759	ng/ul#	97
48) 2,6-Dinitrotoluene	14.283	165	28277	21.517	ng/ul#	80
50) Acenaphthylene	14.436	152	148159	21.596	ng/ul	99
51) 3-Nitroaniline	14.612	138	24248	20.263	ng/ul	91
52) Acenaphthene	14.777	153	103067	20.687	ng/ul	98
53) 2,4-Dinitrophenol	14.818	184	19643	23.585	ng/ul#	79
55) 4-Nitrophenol	14.924	109	26093	18.995	ng/ul	99
56) Dibenzofuran	15.112	168	149484	21.171	ng/ul	95
57) 2,4-Dinitrotoluene	15.065	165	38410	20.254	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.335	232	34054	19.658	ng/ul	95
59) Diethylphthalate	15.523	149	132333	20.175	ng/ul	98
61) Fluorene	15.758	166	124791	20.882	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.746	204	68518	20.857	ng/ul	94
63) 4-Nitroaniline	15.776	138	24493	20.849	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.834	198	19484	17.511	ng/ul#	96
67) N-Nitrosodiphenylamine	15.964	169	107974	23.054	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	46773	22.797	ng/ul	95
69) Hexachlorobenzene	16.768	284	51772	22.281	ng/ul	92
70) Atrazine	16.909	200	46779	21.824	ng/ul	98
71) Pentachlorophenol	17.115	266	25784	18.592	ng/ul	91
72) Phenanthrene	17.503	178	202288	22.546	ng/ul	98
74) Anthracene	17.597	178	201536	21.989	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.508	216	57168	22.781	ng/ul	94
76) Pentachlorobenzene	15.029	250	60297	22.649	ng/ul	97
77) Carbazole	17.861	167	175762	21.497	ng/ul	98
78) Di-n-butylphthalate	18.414	149	214260	20.945	ng/ul	98
80) Fluoranthene	19.512	202	245568	22.051	ng/ul	99
82) Pyrene	19.877	202	243474	21.942	ng/ul	99
83) Butylbenzylphthalate	20.752	149	91219	20.939	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.639	252	96721	22.158	ng/ul	97
85) Benzo(a)anthracene	21.727	228	242227	21.097	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.622	149	133882	21.071	ng/ul	97
87) Chrysene	21.792	228	229307	21.114	ng/ul	98
89) Di-n-octyl phthalate	22.855	149	228573	21.050	ng/ul	100
90) Benzo(b)fluoranthene	23.984	252	263866	22.172	ng/ul	97
91) Benzo(k)fluoranthene	24.054	252	248471	21.413	ng/ul	97
93) Benzo(a)pyrene	24.877	252	228511	21.818	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.790	276	297890	22.045	ng/ul#	98
95) Dibenzo(a,h)anthracene	28.860	278	245896	21.970	ng/ul	95
96) Benzo(g,h,i)perylene	29.965	276	246906	22.100	ng/ul	97

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

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