

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049976.D
 Acq On : 26 Aug 2021 11:26
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020495

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:08:13 PM

Quant Time: Aug 26 12:29:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 20 10:07:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	27532	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.795	136	111114	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.637	164	74636	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	165950	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.657	240	150048	20.000	ng/u1	0.00
88) Perylene-d12	24.894	264	153666	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	4112	7.702	ng/uL	-0.02
4) Pyridine-d5	3.758	84	28241	17.561	ng/u1	-0.01
7) Phenol-d5	7.147	99	42730	18.277	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.294	67	24181	18.617	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.506	132	34047	19.463	ng/u1	0.00
15) 4-Methylphenol-d8	8.698	113	32533	17.669	ng/u1	0.00
21) Nitrobenzene-d5	9.144	128	16982	19.713	ng/u1	0.00
24) 2-Nitrophenol-d4	9.873	143	19627	19.134	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.425	165	36325	19.855	ng/u1	0.00
31) 4-Chloroaniline-d4	10.930	131	43874	17.619	ng/u1	0.00
46) Dimethylphthalate-d6	14.032	166	109853	19.232	ng/u1	0.00
49) Acenaphthylene-d8	14.326	160	128865	19.241	ng/u1	0.00
54) 4-Nitrophenol-d4	14.860	143	12848	15.547	ng/u1	0.00
60) Fluorene-d10	15.630	176	91134	18.818	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.765	200	17895	16.761	ng/u1	0.00
73) Anthracene-d10	17.486	188	144927	19.448	ng/u1	0.00
81) Pyrene-d10	19.777	212	157154	19.381	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.665	264	152654	18.725	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	4274	6.566	ng/uL	93
5) Pyridine	3.775	79	28268	16.263	ng/u1	97
6) Benzaldehyde	7.106	77	29072	21.609	ng/u1	95
8) Phenol	7.171	94	42489	17.993	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.388	93	30588	18.764	ng/u1	98
12) 2-Chlorophenol	7.541	128	33199	19.206	ng/u1#	88
13) 2-Methylphenol	8.434	108	32862	18.038	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.498	45	31736	18.565	ng/u1	95
16) Acetophenone	8.804	105	56861	18.936	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.780	70	27592	18.300	ng/u1	99
18) 4-Methylphenol	8.757	108	35004	17.860	ng/u1	87
19) Hexachloroethane	9.056	117	15354	20.296	ng/u1	94
22) Nitrobenzene	9.186	77	45035	19.294	ng/u1	93
23) Isophorone	9.708	82	74515	17.917	ng/u1	97
25) 2-Nitrophenol	9.908	139	19393	19.446	ng/u1	90
26) 2,4-Dimethylphenol	9.967	107	42657	19.247	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.196	93	39916	18.586	ng/u1	95
29) 2,4-Dichlorophenol	10.454	162	33710	20.075	ng/u1	99
30) Naphthalene	10.848	128	105730	19.037	ng/u1	96
32) 4-Chloroaniline	10.954	127	44512	18.560	ng/u1	94
33) Hexachlorobutadiene	11.118	225	27179	20.008	ng/u1#	85
34) Caprolactam	11.723	113	11071m	18.821	ng/u1	
35) 4-Chloro-3-methylphenol	12.099	107	37720	18.795	ng/u1	98
36) 2-Methylnaphthalene	12.458	142	79248	19.196	ng/u1	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049976.D
 Acq On : 26 Aug 2021 11:26
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020495

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:08:13 PM

Quant Time: Aug 26 12:29:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 20 10:07:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	76919	18.458	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.828	216	44640	20.363	ng/ul#	92
40) Hexachlorocyclopentadiene	12.792	237	13767	14.032	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.069	196	27197	19.468	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.157	196	29530	20.169	ng/ul#	90
43) 1,1'-Biphenyl	13.462	154	101153	19.399	ng/ul	95
44) 2-Chloronaphthalene	13.509	162	80043	19.111	ng/ul	97
45) 2-Nitroaniline	13.715	65	26575	18.688	ng/ul	99
47) Dimethylphthalate	14.079	163	105625	18.685	ng/ul#	98
48) 2,6-Dinitrotoluene	14.208	165	22164	18.991	ng/ul#	92
50) Acenaphthylene	14.355	152	118387	19.341	ng/ul	97
51) 3-Nitroaniline	14.543	138	22313	19.813	ng/ul	93
52) Acenaphthene	14.696	153	83250	18.749	ng/ul	96
53) 2,4-Dinitrophenol	14.778	184	8363	14.030	ng/ul#	73
55) 4-Nitrophenol	14.878	109	16512	15.759	ng/ul	91
56) Dibenzofuran	15.031	168	115002	18.702	ng/ul	97
57) 2,4-Dinitrotoluene	15.007	165	32098	19.120	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.271	232	20826	17.165	ng/ul#	89
59) Diethylphthalate	15.442	149	109557	18.945	ng/ul	97
61) Fluorene	15.683	166	98268	18.942	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.671	204	51530	18.773	ng/ul	97
63) 4-Nitroaniline	15.712	138	23342	20.770	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.777	198	15881	16.411	ng/ul#	87
67) N-Nitrosodiphenylamine	15.888	169	84283	19.291	ng/ul	98
68) 4-Bromophenyl-phenylether	16.564	248	35791	19.496	ng/ul	98
69) Hexachlorobenzene	16.699	284	40865	19.277	ng/ul#	92
70) Atrazine	16.834	200	39827	20.519	ng/ul	92
71) Pentachlorophenol	17.051	266	12820m	14.282	ng/ul	
72) Phenanthrene	17.427	178	160526	19.403	ng/ul	99
74) Anthracene	17.521	178	165099	19.693	ng/ul#	96
75) 1,2,3,4-Tetrachloroben...	13.439	216	44272	19.884	ng/uL	88
76) Pentachlorobenzene	14.954	250	45022	19.084	ng/uL	91
77) Carbazole	17.792	167	145992	19.570	ng/ul	99
78) Di-n-butylphthalate	18.338	149	183579	19.241	ng/ul	98
80) Fluoranthene	19.442	202	197535	19.742	ng/ul	99
82) Pyrene	19.807	202	197295	19.899	ng/ul	97
83) Butylbenzylphthalate	20.676	149	73545	18.796	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.551	252	68974	19.392	ng/ul#	98
85) Benzo(a)anthracene	21.639	228	179784	19.229	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.528	149	102423	19.061	ng/ul	99
87) Chrysene	21.704	228	173660	19.649	ng/ul	97
89) Di-n-octyl phthalate	22.738	149	170292	18.681	ng/ul	100
90) Benzo(b)fluoranthene	23.860	252	184567m	18.777	ng/ul	
91) Benzo(k)fluoranthene	23.924	252	177724	19.022	ng/ul	98
93) Benzo(a)pyrene	24.741	252	161558	18.926	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.589	276	211639m	18.795	ng/ul	
95) Dibenzo(a,h)anthracene	28.647	278	173376	18.392	ng/ul	99
96) Benzo(g,h,i)perylene	29.740	276	173213	18.297	ng/ul	92

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

