

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050146.D
 Acq On : 4 Sep 2021 1:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020511

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:34:23 AM

Quant Time: Sep 04 02:34:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	45406	20.000	ng/ul	0.00
20) Naphthalene-d8	10.771	136	185402	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.613	164	124680	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	273546	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	284214	20.000	ng/ul	0.00
88) Perylene-d12	24.852	264	287406	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	6945m	7.887	ng/uL	0.00
4) Pyridine-d5	3.734	84	53181	20.051	ng/ul	0.00
7) Phenol-d5	7.123	99	78944	20.475	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	43720	20.410	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	59610	20.662	ng/ul	0.00
15) 4-Methylphenol-d8	8.674	113	60431	19.901	ng/ul	0.00
21) Nitrobenzene-d5	9.121	128	29861	20.775	ng/ul	0.00
24) 2-Nitrophenol-d4	9.849	143	35358	20.659	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.401	165	63169	20.693	ng/ul	0.00
31) 4-Chloroaniline-d4	10.912	131	82785	19.924	ng/ul	0.00
46) Dimethylphthalate-d6	14.014	166	188678	19.774	ng/ul	0.00
49) Acenaphthylene-d8	14.308	160	229209	20.487	ng/ul	0.00
54) 4-Nitrophenol-d4	14.848	143	22779	16.500	ng/ul	0.00
60) Fluorene-d10	15.606	176	162202	20.049	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.747	200	33619	19.103	ng/ul	0.00
73) Anthracene-d10	17.468	188	252384	20.546	ng/ul	0.00
81) Pyrene-d10	19.759	212	293680	19.121	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.635	264	307905	20.194	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	8069m	7.517	ng/uL	
5) Pyridine	3.757	79	57960	20.219	ng/ul#	83
6) Benzaldehyde	7.082	77	44519	20.064	ng/ul	91
8) Phenol	7.153	94	79588	20.436	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.364	93	55556	20.665	ng/ul	97
12) 2-Chlorophenol	7.517	128	58594	20.553	ng/ul#	86
13) 2-Methylphenol	8.410	108	59397	19.769	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.480	45	57006	20.221	ng/ul#	93
16) Acetophenone	8.780	105	96176	19.421	ng/ul#	96
17) N-Nitroso-di-n-propyla...	8.762	70	49369	19.854	ng/ul	95
18) 4-Methylphenol	8.739	108	64973	20.101	ng/ul	84
19) Hexachloroethane	9.032	117	25873	20.738	ng/ul	97
22) Nitrobenzene	9.162	77	77958	20.016	ng/ul	99
23) Isophorone	9.684	82	136414	19.658	ng/ul	99
25) 2-Nitrophenol	9.878	139	33798	20.311	ng/ul	94
26) 2,4-Dimethylphenol	9.943	107	76263	20.622	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.172	93	74555	20.805	ng/ul	95
29) 2,4-Dichlorophenol	10.425	162	60363	21.544	ng/ul	98
30) Naphthalene	10.818	128	187900	20.276	ng/ul	98
32) 4-Chloroaniline	10.936	127	80827	20.199	ng/ul	90
33) Hexachlorobutadiene	11.094	225	45204	19.943	ng/ul	97
34) Caprolactam	11.705	113	18931m	19.288	ng/ul	
35) 4-Chloro-3-methylphenol	12.075	107	68502	20.457	ng/ul	97
36) 2-Methylnaphthalene	12.434	142	143170	20.784	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	140874	20.260	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.804	216	77831	21.253	ng/ul#	97
40) Hexachlorocyclopentadiene	12.774	237	43036	26.259	ng/ul#	88
41) 2,4,6-Trichlorophenol	13.051	196	47097	20.181	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	47423	19.389	ng/ul	88
43) 1,1'-Biphenyl	13.438	154	180551	20.728	ng/ul	99
44) 2-Chloronaphthalene	13.485	162	144643	20.673	ng/ul	98
45) 2-Nitroaniline	13.697	65	47436	19.969	ng/ul	99
47) Dimethylphthalate	14.061	163	182095	19.283	ng/ul	99
48) 2,6-Dinitrotoluene	14.190	165	39483	20.251	ng/ul	91
50) Acenaphthylene	14.337	152	210320	20.568	ng/ul	96
51) 3-Nitroaniline	14.525	138	30481	16.202	ng/ul	87
52) Acenaphthene	14.678	153	152728	20.590	ng/ul	99
53) 2,4-Dinitrophenol	14.754	184	20442	20.529	ng/ul#	78
55) 4-Nitrophenol	14.860	109	37173	21.238	ng/ul	89
56) Dibenzofuran	15.013	168	209655	20.410	ng/ul	97
57) 2,4-Dinitrotoluene	14.989	165	57555	20.523	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.248	232	38212	18.853	ng/ul#	94
59) Diethylphthalate	15.424	149	185940	19.248	ng/ul	94
61) Fluorene	15.665	166	175722	20.276	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.653	204	92735	20.224	ng/ul	97
63) 4-Nitroaniline	15.694	138	25616	13.644	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.764	198	30937	19.395	ng/ul	99
67) N-Nitrosodiphenylamine	15.870	169	150942	20.959	ng/ul	100
68) 4-Bromophenyl-phenylether	16.546	248	64939	21.460	ng/ul	97
69) Hexachlorobenzene	16.675	284	72911	20.866	ng/ul	95
70) Atrazine	16.816	200	66144	20.674	ng/ul	99
71) Pentachlorophenol	17.027	266	22328	15.090	ng/ul	95
72) Phenanthrene	17.409	178	289213	21.208	ng/ul	97
74) Anthracene	17.503	178	293067	21.207	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.415	216	80674	21.982	ng/ul	94
76) Pentachlorobenzene	14.936	250	84449	21.716	ng/ul	94
77) Carbazole	17.774	167	256437	20.854	ng/ul	97
78) Di-n-butylphthalate	18.320	149	320877	20.403	ng/ul	97
80) Fluoranthene	19.424	202	367610	19.396	ng/ul	98
82) Pyrene	19.788	202	355688	18.939	ng/ul	99
83) Butylbenzylphthalate	20.664	149	147885	19.954	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.533	252	125342	18.604	ng/ul	98
85) Benzo(a)anthracene	21.621	228	354183	20.000	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.510	149	206346	20.274	ng/ul	100
87) Chrysene	21.686	228	338818	20.239	ng/ul	96
89) Di-n-octyl phthalate	22.708	149	343615	20.154	ng/ul	100
90) Benzo(b)fluoranthene	23.830	252	371387	20.201	ng/ul#	99
91) Benzo(k)fluoranthene	23.895	252	350478	20.056	ng/ul	99
93) Benzo(a)pyrene	24.705	252	323460	20.259	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.547	276	415384m	19.723	ng/ul	
95) Dibenzo(a,h)anthracene	28.594	278	337026	19.116	ng/ul	99
96) Benzo(g,h,i)perylene	29.693	276	335648	18.956	ng/ul	95

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

