

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
 Data File : BG050421.D
 Acq On : 4 Oct 2021 20:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020527

Manual Integrations
 APPROVED

mohammad
 10/5/2021 12:06:47 PM

Quant Time: Oct 05 01:36:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	55753	20.00	ng/ul	0.00
20) Naphthalene-d8	11.097	136	234638	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.887	164	155111	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.631	188	326158	20.00	ng/ul	0.00
79) Chrysene-d12	21.931	240	292188	20.00	ng/ul	#-0.02
88) Perylene-d12	25.357	264	291045	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	13097	8.63	ng/uL	0.00
4) Pyridine-d5	4.064	84	96105	21.25	ng/ul	0.00
7) Phenol-d5	7.401	99	106038	21.77	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.583	67	68925	22.48	ng/ul	0.00
11) 2-Chlorophenol-d4	7.795	132	76579	22.44	ng/ul	0.00
15) 4-Methylphenol-d8	8.958	113	82149	22.28	ng/ul	0.00
21) Nitrobenzene-d5	9.440	128	37609	22.91	ng/ul	0.00
24) 2-Nitrophenol-d4	10.169	143	41090	23.32	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.703	165	75684	21.76	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	102845	20.70	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	215872	20.34	ng/ul	-0.01
49) Acenaphthylene-d8	14.581	160	281514	21.12	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.051	143	40456	19.79	ng/ul	0.00
60) Fluorene-d10	15.874	176	192221	20.10	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.980	200	31490	19.36	ng/ul	0.00
73) Anthracene-d10	17.730	188	291855	21.18	ng/ul	0.00
81) Pyrene-d10	19.998	212	332049	21.37	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.116	264	310969	21.25	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.682	88	15441m	8.41	ng/uL	
5) Pyridine	4.088	79	98331	21.47	ng/ul	99
6) Benzaldehyde	7.401	77	83123	25.87	ng/ul	97
8) Phenol	7.431	94	109941	22.02	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.677	93	82479	22.02	ng/ul	95
12) 2-Chlorophenol	7.824	128	76680	21.96	ng/ul	94
13) 2-Methylphenol	8.694	108	80816	21.96	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.794	45	134529	23.94	ng/ul	100
16) Acetophenone	9.093	105	129188	22.05	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.070	70	78536	22.31	ng/ul	95
18) 4-Methylphenol	9.023	108	86337	22.16	ng/ul	95
19) Hexachloroethane	9.364	117	33072	22.04	ng/ul	99
22) Nitrobenzene	9.481	77	113730	23.12	ng/ul	99
23) Isophorone	10.004	82	206899	21.88	ng/ul	98
25) 2-Nitrophenol	10.198	139	43597	24.08	ng/ul	92
26) 2,4-Dimethylphenol	10.239	107	97943	21.79	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.480	93	110856	21.72	ng/ul	96
29) 2,4-Dichlorophenol	10.727	162	74336	21.58	ng/ul	93
30) Naphthalene	11.150	128	257224	21.35	ng/ul	98
32) 4-Chloroaniline	11.244	127	103282	20.64	ng/ul	96
33) Hexachlorobutadiene	11.420	225	52424	20.95	ng/ul	96
34) Caprolactam	12.002	113	26916m	20.23	ng/ul	
35) 4-Chloro-3-methylphenol	12.337	107	88381	21.77	ng/ul	99
36) 2-Methylnaphthalene	12.730	142	169138	20.65	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.948	142	171635	20.82	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.089	216	95642	21.37	ng/ul	98
40) Hexachlorocyclopentadiene	13.065	237	49412	16.65	ng/ul	93
41) 2,4,6-Trichlorophenol	13.324	196	60897	21.58	ng/ul	98
42) 2,4,5-Trichlorophenol	13.394	196	66193	21.45	ng/ul	98
43) 1,1'-Biphenyl	13.723	154	226210	21.67	ng/ul	100
44) 2-Chloronaphthalene	13.770	162	177143	21.66	ng/ul	98
45) 2-Nitroaniline	13.964	65	66843	24.97	ng/ul	90
47) Dimethylphthalate	14.329	163	218307	20.44	ng/ul	99
48) 2,6-Dinitrotoluene	14.452	165	44400	22.10	ng/ul	94
50) Acenaphthylene	14.611	152	289797	21.43	ng/ul	98
51) 3-Nitroaniline	14.781	138	50298	23.02	ng/ul	92
52) Acenaphthene	14.951	153	189331	21.18	ng/ul	97
53) 2,4-Dinitrophenol	14.987	184	20990	16.76	ng/ul	90
55) 4-Nitrophenol	15.069	109	43070	21.30	ng/ul	96
56) Dibenzofuran	15.280	168	270826	20.84	ng/ul	96
57) 2,4-Dinitrotoluene	15.233	165	63577	21.79	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.498	232	54262	20.45	ng/ul#	92
59) Diethylphthalate	15.680	149	223393	20.04	ng/ul	99
61) Fluorene	15.933	166	206747	19.99	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.915	204	109954	19.63	ng/ul	95
63) 4-Nitroaniline	15.938	138	48511	21.98	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.991	198	31184	19.39	ng/ul#	97
67) N-Nitrosodiphenylamine	16.126	169	183628	22.27	ng/ul	97
68) 4-Bromophenyl-phenylether	16.814	248	65725	21.64	ng/ul	96
69) Hexachlorobenzene	16.931	284	66953	20.94	ng/ul	97
70) Atrazine	17.066	200	75115	21.39	ng/ul	97
71) Pentachlorophenol	17.272	266	42746	20.41	ng/ul	95
72) Phenanthrene	17.672	178	347516	21.35	ng/ul	99
74) Anthracene	17.766	178	345470	21.43	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.694	216	102615	23.86	ng/uL	98
76) Pentachlorobenzene	15.198	250	89606	22.81	ng/uL	96
77) Carbazole	18.024	167	318700	22.08	ng/ul	99
78) Di-n-butylphthalate	18.571	149	384887	22.51	ng/ul	99
80) Fluoranthene	19.669	202	423532	21.71	ng/ul	99
82) Pyrene	20.028	202	411551	21.39	ng/ul	97
83) Butylbenzylphthalate	20.903	149	168510	23.76	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.814	252	135227	22.45	ng/ul	98
85) Benzo(a)anthracene	21.908	228	377124	21.41	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.790	149	245156	24.06	ng/ul	98
87) Chrysene	21.978	228	361707	21.43	ng/ul	99
89) Di-n-octyl phthalate	23.077	149	412815	24.68	ng/ul	100
90) Benzo(b)fluoranthene	24.258	252	370197	20.88	ng/ul	98
91) Benzo(k)fluoranthene	24.329	252	353884	21.45	ng/ul	99
93) Benzo(a)pyrene	25.192	252	358446	21.19	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.276	276	395312	20.82	ng/ul	97
95) Dibenzo(a,h)anthracene	29.352	278	340287	21.06	ng/ul	98
96) Benzo(g,h,i)perylene	30.515	276	326999	20.43	ng/ul	96

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

