

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
 Data File : BG050746.D
 Acq On : 27 Oct 2021 17:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020532

Manual Integrations
 APPROVED

mohammad
 10/28/2021 11:15:02 AM

Quant Time: Oct 27 17:41:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 26 18:31:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	33195	20.000	ng/u1	0.00
20) Naphthalene-d8	11.072	136	150715	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.874	164	103088	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.617	188	229792	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.924	240	199698	20.000	ng/u1	0.00
88) Perylene-d12	25.344	264	197908	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.604	96	7281	8.642	ng/uL	0.00
4) Pyridine-d5	4.028	84	55623	20.849	ng/u1	0.00
7) Phenol-d5	7.382	99	66014	21.401	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.559	67	43232	21.784	ng/u1	0.00
11) 2-Chlorophenol-d4	7.770	132	47079	21.728	ng/u1	0.00
15) 4-Methylphenol-d8	8.945	113	51243	21.515	ng/u1	0.00
21) Nitrobenzene-d5	9.421	128	24273	21.100	ng/u1	0.00
24) 2-Nitrophenol-d4	10.144	143	26740	20.612	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.684	165	47454	20.829	ng/u1	0.00
31) 4-Chloroaniline-d4	11.207	131	71940	21.516	ng/u1	0.00
46) Dimethylphthalate-d6	14.263	166	150227	20.634	ng/u1	0.00
49) Acenaphthylene-d8	14.568	160	189438	20.952	ng/u1	0.00
54) 4-Nitrophenol-d4	15.056	143	26824	20.358	ng/u1	0.00
60) Fluorene-d10	15.861	176	130083	20.791	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.972	200	25389	18.880	ng/u1	0.00
73) Anthracene-d10	17.717	188	207115	21.022	ng/u1	0.00
81) Pyrene-d10	19.997	212	236784	20.807	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.109	264	210886	20.711	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.640	88	8787	8.408	ng/uL	95
5) Pyridine	4.051	79	58687	21.154	ng/u1	94
6) Benzaldehyde	7.377	77	32256	20.957	ng/u1	95
8) Phenol	7.412	94	68380	21.250	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.653	93	52614	21.672	ng/u1	98
12) 2-Chlorophenol	7.805	128	47585	21.850	ng/u1	93
13) 2-Methylphenol	8.681	108	50675	21.270	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.763	45	83380	21.755	ng/u1	97
16) Acetophenone	9.069	105	81490	21.847	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.045	70	51269	22.725	ng/u1	96
18) 4-Methylphenol	9.004	108	54639	21.745	ng/u1	97
19) Hexachloroethane	9.339	117	20508	21.821	ng/u1	92
22) Nitrobenzene	9.462	77	71554	21.402	ng/u1	97
23) Isophorone	9.979	82	135801	21.366	ng/u1	99
25) 2-Nitrophenol	10.173	139	29345	21.708	ng/u1	99
26) 2,4-Dimethylphenol	10.220	107	62878	21.277	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.461	93	72917	21.159	ng/u1	97
29) 2,4-Dichlorophenol	10.714	162	46962	21.336	ng/u1	97
30) Naphthalene	11.125	128	162311	21.111	ng/u1	99
32) 4-Chloroaniline	11.231	127	73746	21.961	ng/u1	97
33) Hexachlorobutadiene	11.395	225	30439	20.405	ng/u1	96
34) Caprolactam	11.983	113	19246	21.066	ng/u1	93
35) 4-Chloro-3-methylphenol	12.330	107	59444	21.692	ng/u1#	97
36) 2-Methylnaphthalene	12.711	142	108906	21.179	ng/u1	99

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37) 1-Methylnaphthalene	12.929	142	112083	21.581	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.076	216	59312	20.711	ng/ul	96
40) Hexachlorocyclopentadiene	13.046	237	26039	16.916	ng/ul#	86
41) 2,4,6-Trichlorophenol	13.311	196	38937	20.656	ng/ul	100
42) 2,4,5-Trichlorophenol	13.381	196	40218	20.216	ng/ul	96
43) 1,1'-Biphenyl	13.704	154	148595	20.804	ng/ul	97
44) 2-Chloronaphthalene	13.757	162	113302	20.484	ng/ul	97
45) 2-Nitroaniline	13.951	65	46067	20.882	ng/ul	94
47) Dimethylphthalate	14.310	163	151889	20.776	ng/ul	99
48) 2,6-Dinitrotoluene	14.439	165	31126	20.662	ng/ul	90
50) Acenaphthylene	14.598	152	192922	20.871	ng/ul	99
51) 3-Nitroaniline	14.774	138	24885	17.095	ng/ul	87
52) Acenaphthene	14.938	153	125890	20.847	ng/ul	96
53) 2,4-Dinitrophenol	14.985	184	14663	17.451	ng/ul#	82
55) 4-Nitrophenol	15.068	109	25403	20.049	ng/ul	92
56) Dibenzofuran	15.267	168	179234	20.991	ng/ul	96
57) 2,4-Dinitrotoluene	15.226	165	46088	21.322	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.491	232	31706	20.446	ng/ul#	87
59) Diethylphthalate	15.667	149	162359	20.789	ng/ul	98
61) Fluorene	15.914	166	141506	20.879	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.902	204	73912	20.678	ng/ul	93
63) 4-Nitroaniline	15.931	138	20518	15.057	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.990	198	25455	19.596	ng/ul	96
67) N-Nitrosodiphenylamine	16.113	169	126603	20.734	ng/ul	97
68) 4-Bromophenyl-phenylether	16.795	248	42992	19.858	ng/ul	91
69) Hexachlorobenzene	16.918	284	45513	20.584	ng/ul	94
70) Atrazine	17.053	200	55208	21.120	ng/ul	97
71) Pentachlorophenol	17.265	266	20093	17.832	ng/ul	94
72) Phenanthrene	17.659	178	241710	21.042	ng/ul	99
74) Anthracene	17.753	178	244665	21.352	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.675	216	63026	20.513	ng/uL	98
76) Pentachlorobenzene	15.185	250	57217	20.164	ng/uL	98
77) Carbazole	18.023	167	229653	21.584	ng/ul	99
78) Di-n-butylphthalate	18.552	149	291182	21.668	ng/ul	99
80) Fluoranthene	19.662	202	300162	20.695	ng/ul	98
82) Pyrene	20.026	202	290562	20.487	ng/ul#	97
83) Butylbenzylphthalate	20.890	149	124421	20.694	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.807	252	87245	19.696	ng/ul	97
85) Benzo(a)anthracene	21.907	228	262943	20.761	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.777	149	182137	21.287	ng/ul	98
87) Chrysene	21.971	228	250062	20.737	ng/ul	98
89) Di-n-octyl phthalate	23.052	149	310565	21.554	ng/ul	100
90) Benzo(b)fluoranthene	24.251	252	262329m	20.767	ng/ul	
91) Benzo(k)fluoranthene	24.321	252	247205	20.998	ng/ul	99
93) Benzo(a)pyrene	25.185	252	252000	20.813	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.280	276	277424	20.734	ng/ul#	95
95) Dibenzo(a,h)anthracene	29.345	278	236233	20.528	ng/ul	98
96) Benzo(g,h,i)perylene	30.514	276	233594	20.898	ng/ul	96

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

