

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051383.D
 Acq On : 7 Dec 2021 14:32
 Operator : CG/JU
 Sample : PB141156BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS156

Quant Time: Dec 08 02:25:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.190	152	27875	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.016	136	127538	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.824	164	84982	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.573	188	185343	20.000	ng/u1	0.00
79) Chrysene-d12	21.874	240	155022	20.000	ng/u1	0.00
88) Perylene-d12	25.276	264	151585	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.525	96	4280m	5.336	ng/uL	-0.02
4) Pyridine-d5	3.954	84	60289	25.614	ng/u1	-0.02
7) Phenol-d5	7.350	99	84655	30.728	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.503	67	53101	30.690	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.720	132	61475	30.988	ng/u1	-0.01
15) 4-Methylphenol-d8	8.907	113	67907	30.545	ng/u1	0.00
21) Nitrobenzene-d5	9.371	128	32660	30.336	ng/u1	0.00
24) 2-Nitrophenol-d4	10.094	143	37464	30.848	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	64267	31.189	ng/u1	0.00
31) 4-Chloroaniline-d4	11.157	131	79921	26.508	ng/u1	0.00
46) Dimethylphthalate-d6	14.218	166	199096	30.448	ng/u1	0.00
49) Acenaphthylene-d8	14.518	160	256959	31.164	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.053	143	28535	26.960	ng/u1	0.00
60) Fluorene-d10	15.817	176	185251	31.461	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.958	200	28723	25.114	ng/u1	0.00
73) Anthracene-d10	17.673	188	270900	30.561	ng/u1	0.00
81) Pyrene-d10	19.953	212	305544	32.574	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.041	264	255012	31.500	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.566	88	9295m	10.275	ng/uL	
5) Pyridine	3.978	79	62195	25.393	ng/u1	98
6) Benzaldehyde	7.321	77	54447	31.033	ng/u1	94
8) Phenol	7.379	94	88117	30.875	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.597	93	65013	30.110	ng/u1	97
12) 2-Chlorophenol	7.755	128	62334	30.834	ng/u1	97
13) 2-Methylphenol	8.637	108	63628	29.930	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.707	45	97580	31.318	ng/u1	98
16) Acetophenone	9.019	105	102047	29.676	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.989	70	60539	30.636	ng/u1	97
18) 4-Methylphenol	8.972	108	69948	30.771	ng/u1	94
19) Hexachloroethane	9.271	117	26070	30.530	ng/u1	96
22) Nitrobenzene	9.412	77	88497	31.349	ng/u1	99
23) Isophorone	9.929	82	166510	30.360	ng/u1	98
25) 2-Nitrophenol	10.123	139	37581	29.875	ng/u1	97
26) 2,4-Dimethylphenol	10.176	107	74848	29.103	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.405	93	90949	30.038	ng/u1	99
29) 2,4-Dichlorophenol	10.670	162	61738	30.438	ng/u1	94
30) Naphthalene	11.069	128	206467	29.752	ng/u1	98
32) 4-Chloroaniline	11.181	127	82576	27.281	ng/u1	98
33) Hexachlorobutadiene	11.328	225	40926	29.252	ng/u1	97
34) Caprolactam	11.945	113	24148m	30.283	ng/u1	
35) 4-Chloro-3-methylphenol	12.303	107	75962	31.176	ng/u1	96
36) 2-Methylnaphthalene	12.661	142	144036	30.515	ng/u1	99

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37) 1-Methylnaphthalene	12.879	142	143187	29.485	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.026	216	82836	31.049	ng/ul	94
40) Hexachlorocyclopentadiene	12.990	237	4898	4.542	ng/ul	88
41) 2,4,6-Trichlorophenol	13.273	196	51927	31.016	ng/ul	99
42) 2,4,5-Trichlorophenol	13.355	196	52495	29.942	ng/ul	96
43) 1,1'-Biphenyl	13.654	154	194058	30.573	ng/ul	96
44) 2-Chloronaphthalene	13.707	162	153810	30.463	ng/ul	100
45) 2-Nitroaniline	13.919	65	59102	33.822	ng/ul	94
47) Dimethylphthalate	14.265	163	198392	29.975	ng/ul	100
48) 2,6-Dinitrotoluene	14.406	165	43297	31.143	ng/ul	95
50) Acenaphthylene	14.553	152	248176	30.465	ng/ul	99
51) 3-Nitroaniline	14.741	138	45611	33.190	ng/ul	93
52) Acenaphthene	14.888	153	165064	30.724	ng/ul	95
53) 2,4-Dinitrophenol	14.970	184	12347	16.067	ng/ul	90
55) 4-Nitrophenol	15.065	109	25597	27.878	ng/ul	96
56) Dibenzofuran	15.223	168	233946	30.190	ng/ul	97
57) 2,4-Dinitrotoluene	15.200	165	61733	31.089	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.452	232	39233	28.497	ng/ul	98
59) Diethylphthalate	15.617	149	211451	30.436	ng/ul	99
61) Fluorene	15.869	166	190498	30.690	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.852	204	100247	29.968	ng/ul	97
63) 4-Nitroaniline	15.905	138	46503	34.773	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.969	198	27379	24.822	ng/ul#	97
67) N-Nitrosodiphenylamine	16.069	169	169671	31.977	ng/ul	98
68) 4-Bromophenyl-phenylether	16.751	248	62145	31.285	ng/ul	91
69) Hexachlorobenzene	16.880	284	63184	31.194	ng/ul	97
70) Atrazine	17.009	200	57264	25.679	ng/ul	99
71) Pentachlorophenol	17.238	266	15673	17.462	ng/ul	96
72) Phenanthrene	17.620	178	318211	31.095	ng/ul	100
74) Anthracene	17.708	178	311456	30.645	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.631	216	84832	31.379	ng/uL	94
76) Pentachlorobenzene	15.141	250	77807	30.889	ng/uL	100
77) Carbazole	17.985	167	281912	31.600	ng/ul	99
78) Di-n-butylphthalate	18.502	149	364363	31.676	ng/ul	99
80) Fluoranthene	19.624	202	376456	32.676	ng/ul	97
82) Pyrene	19.982	202	361345	32.064	ng/ul	97
83) Butylbenzylphthalate	20.840	149	151535	32.344	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.763	252	113734	31.511	ng/ul	99
85) Benzo(a)anthracene	21.857	228	326212	31.025	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.710	149	213499	31.668	ng/ul	99
87) Chrysene	21.927	228	314870	31.172	ng/ul	100
89) Di-n-octyl phthalate	22.973	149	364109	33.156	ng/ul	100
90) Benzo(b)fluoranthene	24.189	252	322248	31.500	ng/ul	99
91) Benzo(k)fluoranthene	24.260	252	299550	31.204	ng/ul	98
93) Benzo(a)pyrene	25.123	252	309708	31.734	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.207	276	342267m	31.339	ng/ul	
95) Dibenzo(a,h)anthracene	29.260	278	288651	31.154	ng/ul	97
96) Benzo(g,h,i)perylene	30.435	276	269185	29.295	ng/ul	97

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

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