

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051382.D
 Acq On : 7 Dec 2021 13:51
 Operator : CG/JU
 Sample : PB141154BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS154

Quant Time: Dec 08 02:25:07 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	8.189	152	29363	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.021	136	126856	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.823	164	82868	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.578	188	180047	20.000	ng/u1	0.00
79) Chrysene-d12	21.879	240	151449	20.000	ng/u1	0.00
88) Perylene-d12	25.281	264	150462	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.524	96	4901m	5.800	ng/uL	-0.02
4) Pyridine-d5	3.953	84	70018	28.239	ng/u1	-0.03
7) Phenol-d5	7.349	99	93200	32.115	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.502	67	59014	32.379	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.719	132	67726	32.409	ng/u1	-0.01
15) 4-Methylphenol-d8	8.906	113	73371	31.330	ng/u1	0.00
21) Nitrobenzene-d5	9.370	128	34797	32.495	ng/u1	0.00
24) 2-Nitrophenol-d4	10.093	143	39783	32.934	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	67666	33.015	ng/u1	0.00
31) 4-Chloroaniline-d4	11.156	131	113011	37.685	ng/u1	0.00
46) Dimethylphthalate-d6	14.218	166	205716	32.263	ng/u1	0.00
49) Acenaphthylene-d8	14.523	160	265792	33.057	ng/u1	0.00
54) 4-Nitrophenol-d4	15.052	143	30446	29.499	ng/u1	0.00
60) Fluorene-d10	15.816	176	188539	32.836	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.957	200	31030	27.930	ng/u1	0.00
73) Anthracene-d10	17.678	188	283114	32.878	ng/u1	0.00
81) Pyrene-d10	19.958	212	321333	35.065	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.052	264	270277	33.634	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.560	88	10206	10.710	ng/uL	94
5) Pyridine	3.977	79	71492	27.710	ng/u1	95
6) Benzaldehyde	7.320	77	66070	35.749	ng/u1	95
8) Phenol	7.379	94	91340	30.382	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.596	93	68798	30.248	ng/u1	99
12) 2-Chlorophenol	7.755	128	64871	30.462	ng/u1	98
13) 2-Methylphenol	8.642	108	67069	29.950	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.712	45	101775	31.009	ng/u1	96
16) Acetophenone	9.024	105	106359	29.362	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.994	70	61346	29.471	ng/u1	97
18) 4-Methylphenol	8.971	108	71604	29.903	ng/u1	97
19) Hexachloroethane	9.270	117	27377	30.436	ng/u1	96
22) Nitrobenzene	9.411	77	90645	32.282	ng/u1	97
23) Isophorone	9.929	82	167395	30.685	ng/u1	100
25) 2-Nitrophenol	10.128	139	39007	31.176	ng/u1	96
26) 2,4-Dimethylphenol	10.181	107	76869	30.049	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.404	93	92508	30.717	ng/u1	99
29) 2,4-Dichlorophenol	10.675	162	62092	30.777	ng/u1	96
30) Naphthalene	11.068	128	211740	30.676	ng/u1	98
32) 4-Chloroaniline	11.180	127	87304	28.999	ng/u1	99
33) Hexachlorobutadiene	11.333	225	42048	30.216	ng/u1	99
34) Caprolactam	11.950	113	24935m	31.438	ng/u1	
35) 4-Chloro-3-methylphenol	12.302	107	77016	31.778	ng/u1	98
36) 2-Methylnaphthalene	12.661	142	140389	29.902	ng/u1	100

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37) 1-Methylnaphthalene	12.878	142	146083	30.243	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.025	216	82849	31.846	ng/ul	96
40) Hexachlorocyclopentadiene	12.990	237	5266	5.008	ng/ul	96
41) 2,4,6-Trichlorophenol	13.272	196	51729	31.686	ng/ul	96
42) 2,4,5-Trichlorophenol	13.354	196	55387	32.397	ng/ul	98
43) 1,1'-Biphenyl	13.659	154	191871	31.000	ng/ul	96
44) 2-Chloronaphthalene	13.712	162	153152	31.106	ng/ul	100
45) 2-Nitroaniline	13.918	65	57587	33.796	ng/ul	94
47) Dimethylphthalate	14.265	163	196996	30.523	ng/ul	99
48) 2,6-Dinitrotoluene	14.406	165	43752	32.273	ng/ul	96
50) Acenaphthylene	14.553	152	244493	30.778	ng/ul	99
51) 3-Nitroaniline	14.741	138	45647	34.064	ng/ul	93
52) Acenaphthene	14.887	153	162764	31.069	ng/ul	97
53) 2,4-Dinitrophenol	14.976	184	12311m	16.429	ng/ul	
55) 4-Nitrophenol	15.070	109	25377	28.344	ng/ul	96
56) Dibenzofuran	15.222	168	229719	30.400	ng/ul	100
57) 2,4-Dinitrotoluene	15.199	165	61650	31.839	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.457	232	39530	29.445	ng/ul	98
59) Diethylphthalate	15.616	149	211693	31.248	ng/ul	99
61) Fluorene	15.874	166	185616	30.666	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.851	204	98915	30.324	ng/ul	96
63) 4-Nitroaniline	15.904	138	48160m	36.931	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.974	198	27929	26.066	ng/ul#	99
67) N-Nitrosodiphenylamine	16.074	169	167295	32.457	ng/ul	98
68) 4-Bromophenyl-phenylether	16.750	248	61792	32.022	ng/ul	95
69) Hexachlorobenzene	16.879	284	62640	31.835	ng/ul	99
70) Atrazine	17.014	200	65197	30.097	ng/ul	99
71) Pentachlorophenol	17.238	266	15793	18.114	ng/ul	91
72) Phenanthrene	17.620	178	319100	32.099	ng/ul	100
74) Anthracene	17.714	178	310587	31.458	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.630	216	85986	32.742	ng/uL	98
76) Pentachlorobenzene	15.146	250	75694	30.934	ng/uL	97
77) Carbazole	17.984	167	285557	32.951	ng/ul	98
78) Di-n-butylphthalate	18.507	149	369330	33.052	ng/ul	99
80) Fluoranthene	19.623	202	373432	33.178	ng/ul	98
82) Pyrene	19.987	202	368347	33.456	ng/ul	96
83) Butylbenzylphthalate	20.845	149	154489	33.752	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.762	252	116617	33.072	ng/ul	99
85) Benzo(a)anthracene	21.856	228	330551	32.179	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.715	149	217789	33.066	ng/ul	100
87) Chrysene	21.926	228	314082	31.828	ng/ul	99
89) Di-n-octyl phthalate	22.978	149	364843	33.470	ng/ul	100
90) Benzo(b)fluoranthene	24.194	252	322573	31.768	ng/ul	99
91) Benzo(k)fluoranthene	24.265	252	302983	31.797	ng/ul	99
93) Benzo(a)pyrene	25.128	252	311225	32.127	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.218	276	344268	31.758	ng/ul	98
95) Dibenzo(a,h)anthracene	29.265	278	294646	32.039	ng/ul	98
96) Benzo(g,h,i)perylene	30.452	276	273602	29.998	ng/ul	94

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

