

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
 Data File : BG050955.D
 Acq On : 10 Nov 2021 23:48
 Operator : CG/JU
 Sample : PB140524BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS524

Quant Time: Nov 11 01:56:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 02 14:49:05 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/11/2021
 Supervised By :mohammad ahmed 11/11/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	37303	20.000	ng/u1	0.00
20) Naphthalene-d8	11.051	136	163654	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.852	164	105974	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.596	188	235513	20.000	ng/u1	0.00
79) Chrysene-d12	21.891	240	206524	20.000	ng/u1	-0.02
88) Perylene-d12	25.287	264	205721	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.589	96	6893	5.964	ng/uL	0.00
4) Pyridine-d5	4.012	84	98357	28.447	ng/u1	0.00
7) Phenol-d5	7.367	99	113216	28.449	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.543	67	73475	28.582	ng/u1	0.00
11) 2-Chlorophenol-d4	7.755	132	80923	29.342	ng/u1	0.00
15) 4-Methylphenol-d8	8.924	113	84169	26.866	ng/u1	0.00
21) Nitrobenzene-d5	9.400	128	42292	30.410	ng/u1	0.00
24) 2-Nitrophenol-d4	10.122	143	45587	29.480	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.663	165	76656	29.428	ng/u1	0.00
31) 4-Chloroaniline-d4	11.180	131	101253	25.668	ng/u1	0.00
46) Dimethylphthalate-d6	14.241	166	237250	29.262	ng/u1	0.00
49) Acenaphthylene-d8	14.547	160	304077	30.103	ng/u1	0.00
54) 4-Nitrophenol-d4	15.034	143	40140	27.305	ng/u1	0.00
60) Fluorene-d10	15.839	176	210240	29.272	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.957	200	39423	27.610	ng/u1	0.00
73) Anthracene-d10	17.696	188	333717	29.971	ng/u1	0.00
81) Pyrene-d10	19.970	212	392331	29.412	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.052	264	332041	29.197	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.624	88	14487	11.412	ng/uL#	92
5) Pyridine	4.029	79	101344	28.315	ng/u1	98
6) Benzaldehyde	7.361	77	75209	29.963	ng/u1	96
8) Phenol	7.396	94	115971	28.171	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.637	93	85750	27.828	ng/u1	99
12) 2-Chlorophenol	7.784	128	79784	28.492	ng/u1	96
13) 2-Methylphenol	8.659	108	83219	27.349	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.753	45	132212	27.240	ng/u1	99
16) Acetophenone	9.053	105	133285	27.386	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.030	70	76598	26.085	ng/u1	99
18) 4-Methylphenol	8.988	108	88460	27.304	ng/u1	99
19) Hexachloroethane	9.317	117	33884	28.941	ng/u1	95
22) Nitrobenzene	9.441	77	111707	28.800	ng/u1	99
23) Isophorone	9.964	82	208763	27.732	ng/u1	99
25) 2-Nitrophenol	10.158	139	45387	29.255	ng/u1	98
26) 2,4-Dimethylphenol	10.199	107	98910	28.969	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.440	93	115638	28.510	ng/u1	98
29) 2,4-Dichlorophenol	10.692	162	74991	29.514	ng/u1	97
30) Naphthalene	11.104	128	262039	29.281	ng/u1	98
32) 4-Chloroaniline	11.209	127	100138	25.565	ng/u1	100
33) Hexachlorobutadiene	11.374	225	50719	30.413	ng/u1	99
34) Caprolactam	11.961	113	26946	24.980	ng/u1	95
35) 4-Chloro-3-methylphenol	12.308	107	91924	28.320	ng/u1	97
36) 2-Methylnaphthalene	12.690	142	173443	28.449	ng/u1	97

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37) 1-Methylnaphthalene	12.907	142	174710	28.282	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.054	216	94972	30.757	ng/ul	96
40) Hexachlorocyclopentadiene	13.025	237	34982	23.592	ng/ul	97
41) 2,4,6-Trichlorophenol	13.289	196	59701	29.547	ng/ul	97
42) 2,4,5-Trichlorophenol	13.366	196	62808	28.954	ng/ul	99
43) 1,1'-Biphenyl	13.683	154	230241	29.724	ng/ul	97
44) 2-Chloronaphthalene	13.736	162	183248	30.189	ng/ul	99
45) 2-Nitroaniline	13.936	65	69354	28.758	ng/ul	95
47) Dimethylphthalate	14.288	163	237182	29.257	ng/ul	99
48) 2,6-Dinitrotoluene	14.423	165	50864	29.978	ng/ul	96
50) Acenaphthylene	14.576	152	296680	29.305	ng/ul	98
51) 3-Nitroaniline	14.752	138	49478	28.195	ng/ul	98
52) Acenaphthene	14.911	153	197588	29.682	ng/ul	97
53) 2,4-Dinitrophenol	14.964	184	16772	17.918	ng/ul	91
55) 4-Nitrophenol	15.052	109	37197	27.590	ng/ul	96
56) Dibenzofuran	15.246	168	280454	29.433	ng/ul	100
57) 2,4-Dinitrotoluene	15.205	165	71967	29.720	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.469	232	47536	27.885	ng/ul	98
59) Diethylphthalate	15.645	149	249115	28.708	ng/ul	100
61) Fluorene	15.892	166	219445	29.097	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.880	204	117319	29.874	ng/ul	97
63) 4-Nitroaniline	15.916	138	52636	30.234	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.968	198	37625	27.021	ng/ul#	95
67) N-Nitrosodiphenylamine	16.092	169	196141	29.794	ng/ul	97
68) 4-Bromophenyl-phenylether	16.773	248	72314	30.868	ng/ul	95
69) Hexachlorobenzene	16.897	284	72624	30.154	ng/ul	95
70) Atrazine	17.032	200	79226	28.380	ng/ul	97
71) Pentachlorophenol	17.243	266	26831	24.266	ng/ul	96
72) Phenanthrene	17.637	178	375179	29.843	ng/ul	99
74) Anthracene	17.731	178	375889	29.800	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.654	216	98120	30.598	ng/uL	97
76) Pentachlorobenzene	15.164	250	86425	29.087	ng/uL	98
77) Carbazole	17.995	167	347933	30.775	ng/ul	98
78) Di-n-butylphthalate	18.530	149	441326	29.707	ng/ul	100
80) Fluoranthene	19.635	202	465438	29.074	ng/ul	99
82) Pyrene	19.999	202	451135	28.841	ng/ul	99
83) Butylbenzylphthalate	20.863	149	191773	28.511	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.773	252	134194	26.681	ng/ul	99
85) Benzo(a)anthracene	21.867	228	414262	28.975	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.738	149	277544	28.746	ng/ul	100
87) Chrysene	21.938	228	400104	29.294	ng/ul	100
89) Di-n-octyl phthalate	23.007	149	470090	28.068	ng/ul	100
90) Benzo(b)fluoranthene	24.200	252	422406	28.822	ng/ul	98
91) Benzo(k)fluoranthene	24.270	252	390066	28.364	ng/ul	100
93) Benzo(a)pyrene	25.128	252	398730	28.566	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.194	276	447351m	28.791	ng/ul	
95) Dibenzo(a,h)anthracene	29.247	278	377686	28.728	ng/ul	100
96) Benzo(g,h,i)perylene	30.410	276	373968	28.752	ng/ul	98

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

