

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012422\
 Data File : BG052135.D
 Acq On : 24 Jan 2022 20:37
 Operator : CG/JU
 Sample : PB142205BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS205

Quant Time: Jan 25 00:01:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/25/2022
 Supervised By :mohammad ahmed 01/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	27978	20.000	ng/u1	0.00
20) Naphthalene-d8	11.083	136	123228	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.890	164	87553	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.639	188	203199	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.957	240	191114	20.000	ng/u1	# 0.00
88) Perylene-d12	25.446	264	191041	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	4301	5.493	ng/uL	0.00
4) Pyridine-d5	3.999	84	66468	27.309	ng/u1	0.00
7) Phenol-d5	7.388	99	92298	33.706	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	52220	30.041	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.776	132	62983	34.740	ng/u1	0.00
15) 4-Methylphenol-d8	8.951	113	71873	33.765	ng/u1	0.00
21) Nitrobenzene-d5	9.415	128	32787	33.672	ng/u1	0.00
24) 2-Nitrophenol-d4	10.149	143	37166	34.512	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.701	165	74520	35.402	ng/u1	0.00
31) 4-Chloroaniline-d4	11.206	131	84728	28.903	ng/u1	0.00
46) Dimethylphthalate-d6	14.279	166	227293	31.407	ng/u1	0.00
49) Acenaphthylene-d8	14.584	160	290967	33.285	ng/u1	0.00
54) 4-Nitrophenol-d4	15.078	143	35750	29.547	ng/u1	0.01
60) Fluorene-d10	15.877	176	208975	33.120	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	38717	30.203	ng/u1	0.00
73) Anthracene-d10	17.739	188	325561	33.774	ng/u1	0.00
81) Pyrene-d10	20.018	212	382461	34.772	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.211	264	361377	35.932	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.611	88	8788	9.728	ng/uL#	96
5) Pyridine	4.016	79	69795	27.371	ng/u1	97
6) Benzaldehyde	7.365	77	52167	28.639	ng/u1	96
8) Phenol	7.417	94	88017	31.491	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.647	93	62219	30.411	ng/u1	95
12) 2-Chlorophenol	7.805	128	64983	35.234	ng/u1	98
13) 2-Methylphenol	8.686	108	66664	32.800	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.769	45	91280	29.250	ng/u1	96
16) Acetophenone	9.074	105	102255	30.437	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.051	70	60447	29.451	ng/u1	96
18) 4-Methylphenol	9.015	108	71059	32.276	ng/u1	93
19) Hexachloroethane	9.344	117	25645	32.207	ng/u1#	77
22) Nitrobenzene	9.456	77	87297	28.905	ng/u1#	97
23) Isophorone	9.985	82	168977	29.593	ng/u1	98
25) 2-Nitrophenol	10.184	139	38717	32.713	ng/u1	99
26) 2,4-Dimethylphenol	10.231	107	82071	31.958	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.466	93	86957	29.578	ng/u1	100
29) 2,4-Dichlorophenol	10.725	162	69907	33.816	ng/u1	95
30) Naphthalene	11.136	128	211760	31.712	ng/u1	98
32) 4-Chloroaniline	11.230	127	80777	27.039	ng/u1	97
33) Hexachlorobutadiene	11.424	225	51167	31.050	ng/u1	97
34) Caprolactam	11.982	113	24035m	29.873	ng/u1	
35) 4-Chloro-3-methylphenol	12.352	107	81549	34.166	ng/u1	98
36) 2-Methylnaphthalene	12.728	142	153870	32.349	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.945	142	156136	31.985	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.092	216	101377	33.483	ng/ul	97
40) Hexachlorocyclopentadiene	13.075	237	43771	21.069	ng/ul	98
41) 2,4,6-Trichlorophenol	13.327	196	64217	33.558	ng/ul	92
42) 2,4,5-Trichlorophenol	13.403	196	71780	34.796	ng/ul	95
43) 1,1'-Biphenyl	13.721	154	220240	32.584	ng/ul#	95
44) 2-Chloronaphthalene	13.774	162	169804	32.439	ng/ul	98
45) 2-Nitroaniline	13.962	65	60295	30.055	ng/ul	95
47) Dimethylphthalate	14.326	163	217746	30.514	ng/ul	100
48) 2,6-Dinitrotoluene	14.449	165	50106	33.303	ng/ul	95
50) Acenaphthylene	14.614	152	278176	32.315	ng/ul	97
51) 3-Nitroaniline	14.784	138	43352	31.853	ng/ul	98
52) Acenaphthene	14.954	153	185950	32.489	ng/ul	98
53) 2,4-Dinitrophenol	14.990	184	19127	21.562	ng/ul	90
55) 4-Nitrophenol	15.089	109	38235	27.538	ng/ul	87
56) Dibenzofuran	15.283	168	265937	31.992	ng/ul	100
57) 2,4-Dinitrotoluene	15.236	165	68660	31.564	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.512	232	64520	33.720	ng/ul#	89
59) Diethylphthalate	15.683	149	224296	30.466	ng/ul	98
61) Fluorene	15.935	166	220961	31.899	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.918	204	122900	31.972	ng/ul	96
63) 4-Nitroaniline	15.941	138	44252	31.647	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.006	198	36669	29.921	ng/ul#	94
67) N-Nitrosodiphenylamine	16.129	169	192352	35.229	ng/ul	97
68) 4-Bromophenyl-phenylether	16.817	248	84835	35.663	ng/ul#	86
69) Hexachlorobenzene	16.946	284	93038	35.265	ng/ul#	89
70) Atrazine	17.069	200	79456	31.366	ng/ul	98
71) Pentachlorophenol	17.286	266	42370	28.757	ng/ul	93
72) Phenanthrene	17.680	178	354769	33.320	ng/ul	99
74) Anthracene	17.774	178	348409	32.689	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.697	216	105443	34.551	ng/ul	97
76) Pentachlorobenzene	15.207	250	110016	37.040	ng/ul	96
77) Carbazole	18.038	167	310478	32.329	ng/ul	98
78) Di-n-butylphthalate	18.579	149	371510	32.726	ng/ul	99
80) Fluoranthene	19.683	202	439476	34.575	ng/ul#	90
82) Pyrene	20.047	202	425111	33.970	ng/ul#	88
83) Butylbenzylphthalate	20.911	149	157137	36.080	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.839	252	148188	33.590	ng/ul#	98
85) Benzo(a)anthracene	21.939	228	423760	33.716	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.816	149	221105	34.714	ng/ul#	99
87) Chrysene	22.009	228	409231	33.814	ng/ul	99
89) Di-n-octyl phthalate	23.120	149	369963	35.057	ng/ul	100
90) Benzo(b)fluoranthene	24.330	252	455922	36.011	ng/ul#	96
91) Benzo(k)fluoranthene	24.406	252	412392	35.229	ng/ul#	97
93) Benzo(a)pyrene	25.287	252	419869	35.042	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.470	276	479592	34.967	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.546	278	402444	34.690	ng/ul#	93
96) Benzo(g,h,i)perylene	30.733	276	383284	33.236	ng/ul#	89

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

