

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
 Data File : BG051982.D
 Acq On : 14 Jan 2022 18:37
 Operator : CG/JU
 Sample : PB142015BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS015

Quant Time: Jan 17 00:19:47 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

01/17/2022
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.245	152	20964	20.000	ng/u1	0.00
20) Naphthalene-d8	11.088	136	93510	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.895	164	76908	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.644	188	173742	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.968	240	137744	20.000	ng/u1	# 0.01
88) Perylene-d12	25.457	264	142629	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.569	96	2138	3.644	ng/uL	0.00
4) Pyridine-d5	3.998	84	37473	20.547	ng/u1	0.00
7) Phenol-d5	7.388	99	56756	27.661	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.552	67	31144	23.911	ng/u1	0.00
11) 2-Chlorophenol-d4	7.775	132	37921	27.914	ng/u1	0.00
15) 4-Methylphenol-d8	8.950	113	45294	28.397	ng/u1	0.00
21) Nitrobenzene-d5	9.420	128	20788	28.134	ng/u1	0.00
24) 2-Nitrophenol-d4	10.154	143	23192	28.380	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.701	165	49821	31.190	ng/u1	0.00
31) 4-Chloroaniline-d4	11.212	131	56156	25.245	ng/u1	0.00
46) Dimethylphthalate-d6	14.284	166	172501	27.135	ng/u1	0.00
49) Acenaphthylene-d8	14.590	160	216054	28.136	ng/u1	0.00
54) 4-Nitrophenol-d4	15.071	143	30295	28.504	ng/u1	0.00
60) Fluorene-d10	15.882	176	152595	27.531	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.994	200	27363	24.965	ng/u1	0.01
73) Anthracene-d10	17.744	188	236987	28.754	ng/u1	0.00
81) Pyrene-d10	20.023	212	223463	28.189	ng/u1	0.01
92) Benzo(a)pyrene-d12	25.222	264	215332	28.678	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.604	88	5032	7.434	ng/uL#	85
5) Pyridine	4.022	79	43761	22.903	ng/u1	91
6) Benzaldehyde	7.370	77	34662	25.396	ng/u1	98
8) Phenol	7.417	94	61233	29.238	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.646	93	41447	27.036	ng/u1	97
12) 2-Chlorophenol	7.811	128	41745	30.207	ng/u1	94
13) 2-Methylphenol	8.686	108	46337	30.426	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.774	45	60413	25.836	ng/u1	96
16) Acetophenone	9.074	105	73936	29.371	ng/u1	89
17) N-Nitroso-di-n-propyla...	9.056	70	45091	29.320	ng/u1	96
18) 4-Methylphenol	9.015	108	49716	30.137	ng/u1	95
19) Hexachloroethane	9.350	117	16561	27.757	ng/u1	89
22) Nitrobenzene	9.461	77	62105	27.098	ng/u1	93
23) Isophorone	9.990	82	124508	28.735	ng/u1	99
25) 2-Nitrophenol	10.184	139	27086	30.159	ng/u1	92
26) 2,4-Dimethylphenol	10.237	107	57775	29.647	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.472	93	62636	28.077	ng/u1	99
29) 2,4-Dichlorophenol	10.730	162	49518	31.566	ng/u1	99
30) Naphthalene	11.141	128	152196	30.036	ng/u1	96
32) 4-Chloroaniline	11.235	127	62218	27.445	ng/u1	91
33) Hexachlorobutadiene	11.429	225	34656	27.715	ng/u1	93
34) Caprolactam	11.981	113	21333m	34.941	ng/u1	
35) 4-Chloro-3-methylphenol	12.351	107	63377	34.991	ng/u1	95
36) 2-Methylnaphthalene	12.733	142	114785	31.802	ng/u1	95

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37) 1-Methylnaphthalene	12.951	142	116828	31.539	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.098	216	74074	27.852	ng/ul	98
40) Hexachlorocyclopentadiene	13.080	237	24075	13.192	ng/ul	97
41) 2,4,6-Trichlorophenol	13.333	196	52303	31.115	ng/ul	94
42) 2,4,5-Trichlorophenol	13.409	196	58969	32.542	ng/ul	99
43) 1,1'-Biphenyl	13.726	154	169843	28.606	ng/ul#	95
44) 2-Chloronaphthalene	13.773	162	135292	29.423	ng/ul	98
45) 2-Nitroaniline	13.967	65	52317	29.688	ng/ul	92
47) Dimethylphthalate	14.331	163	178654	28.501	ng/ul	99
48) 2,6-Dinitrotoluene	14.455	165	38968	29.485	ng/ul	95
50) Acenaphthylene	14.619	152	224787	29.728	ng/ul	97
51) 3-Nitroaniline	14.783	138	36998	30.947	ng/ul	90
52) Acenaphthene	14.960	153	149533	29.742	ng/ul	97
53) 2,4-Dinitrophenol	14.989	184	13656	17.526	ng/ul	92
55) 4-Nitrophenol	15.089	109	34664	28.421	ng/ul	85
56) Dibenzofuran	15.289	168	215926	29.571	ng/ul	99
57) 2,4-Dinitrotoluene	15.242	165	59330	31.050	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.512	232	53760	31.985	ng/ul#	86
59) Diethylphthalate	15.688	149	186130	28.781	ng/ul	96
61) Fluorene	15.941	166	179401	29.484	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.923	204	99427	29.446	ng/ul	91
63) 4-Nitroaniline	15.947	138	39295	31.991	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	16.005	198	26938	25.707	ng/ul#	92
67) N-Nitrosodiphenylamine	16.135	169	159497	34.164	ng/ul	97
68) 4-Bromophenyl-phenylether	16.822	248	67160	33.019	ng/ul#	86
69) Hexachlorobenzene	16.951	284	75761	33.585	ng/ul#	90
70) Atrazine	17.075	200	69308	31.999	ng/ul	97
71) Pentachlorophenol	17.292	266	36682	29.118	ng/ul	92
72) Phenanthrene	17.685	178	271755	29.851	ng/ul	99
74) Anthracene	17.779	178	271834	29.829	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.703	216	79723	30.553	ng/uL	95
76) Pentachlorobenzene	15.212	250	88462	34.833	ng/uL	97
77) Carbazole	18.044	167	239167	29.126	ng/ul	99
78) Di-n-butylphthalate	18.584	149	271078	27.927	ng/ul	98
80) Fluoranthene	19.689	202	283050	30.897	ng/ul#	89
82) Pyrene	20.053	202	275791	30.577	ng/ul#	87
83) Butylbenzylphthalate	20.922	149	95080m	30.290	ng/ul	
84) 3,3'-Dichlorobenzidine	21.845	252	87360	27.474	ng/ul#	98
85) Benzo(a)anthracene	21.944	228	273567	30.199	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.827	149	142148	30.965	ng/ul#	99
87) Chrysene	22.021	228	265876	30.480	ng/ul	99
89) Di-n-octyl phthalate	23.131	149	236561	30.025	ng/ul	100
90) Benzo(b)fluoranthene	24.341	252	281779	29.811	ng/ul#	96
91) Benzo(k)fluoranthene	24.418	252	266922	30.542	ng/ul#	95
93) Benzo(a)pyrene	25.299	252	275527	30.801	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.493	276	323552m	31.597	ng/ul	
95) Dibenzo(a,h)anthracene	29.563	278	283615	32.745	ng/ul#	93
96) Benzo(g,h,i)perylene	30.756	276	271187	31.497	ng/ul#	85

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

