

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010622\
 Data File : BG051924.D
 Acq On : 7 Jan 2022 20:58
 Operator : CG/JU
 Sample : PB141907BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS907

Quant Time: Jan 07 22:56:48 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 01/10/2022
 Supervised By :mohammad ahmed 01/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	25371	20.000	ng/u1	0.00
20) Naphthalene-d8	11.083	136	107147	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.890	164	79938	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.639	188	215187	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.957	240	218371	20.000	ng/u1	# 0.00
88) Perylene-d12	25.446	264	227292	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	4017	5.658	ng/uL	0.00
4) Pyridine-d5	3.999	84	62097	28.134	ng/u1	0.00
7) Phenol-d5	7.382	99	76128	30.658	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	44676	28.342	ng/u1	0.00
11) 2-Chlorophenol-d4	7.770	132	50031	30.432	ng/u1	0.00
15) 4-Methylphenol-d8	8.951	113	58176	30.138	ng/u1	0.00
21) Nitrobenzene-d5	9.415	128	25990	30.697	ng/u1	0.00
24) 2-Nitrophenol-d4	10.149	143	29762	31.784	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	58789	32.121	ng/u1	0.00
31) 4-Chloroaniline-d4	11.207	131	70604	27.700	ng/u1	0.00
46) Dimethylphthalate-d6	14.279	166	207090	31.342	ng/u1	0.00
49) Acenaphthylene-d8	14.584	160	248776	31.169	ng/u1	0.00
54) 4-Nitrophenol-d4	15.066	143	37542	33.983	ng/u1	0.00
60) Fluorene-d10	15.877	176	181001	31.419	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	40975	30.184	ng/u1	0.00
73) Anthracene-d10	17.739	188	320863	31.433	ng/u1	0.00
81) Pyrene-d10	20.012	212	425616	33.866	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.199	264	389614	32.561	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.605	88	8561	10.450	ng/uL#	91
5) Pyridine	4.016	79	64530	27.906	ng/u1	97
6) Benzaldehyde	7.365	77	44124	26.713	ng/u1	96
8) Phenol	7.412	94	73714	29.084	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.647	93	52544	28.321	ng/u1	97
12) 2-Chlorophenol	7.805	128	51165	30.592	ng/u1	92
13) 2-Methylphenol	8.681	108	53741	29.159	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.769	45	79378	28.050	ng/u1	95
16) Acetophenone	9.074	105	86996	28.556	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.051	70	53398	28.690	ng/u1	95
18) 4-Methylphenol	9.016	108	57323	28.712	ng/u1	100
19) Hexachloroethane	9.350	117	19545	27.068	ng/u1#	78
22) Nitrobenzene	9.462	77	75154	28.619	ng/u1	93
23) Isophorone	9.985	82	148616	29.934	ng/u1	100
25) 2-Nitrophenol	10.179	139	30696	29.828	ng/u1	90
26) 2,4-Dimethylphenol	10.232	107	68209	30.547	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.466	93	75762	29.638	ng/u1	99
29) 2,4-Dichlorophenol	10.725	162	53275	29.638	ng/u1	92
30) Naphthalene	11.136	128	171458	29.531	ng/u1	96
32) 4-Chloroaniline	11.230	127	69666	26.820	ng/u1	98
33) Hexachlorobutadiene	11.424	225	39669	27.686	ng/u1	99
34) Caprolactam	11.976	113	24012m	34.323	ng/u1	
35) 4-Chloro-3-methylphenol	12.346	107	67080	32.322	ng/u1	91
36) 2-Methylnaphthalene	12.728	142	123624	29.891	ng/u1	99

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37) 1-Methylnaphthalene	12.945	142	127978	30.152	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.092	216	77765	28.131	ng/ul	98
40) Hexachlorocyclopentadiene	13.075	237	48307	25.467	ng/ul	91
41) 2,4,6-Trichlorophenol	13.327	196	53822	30.805	ng/ul	98
42) 2,4,5-Trichlorophenol	13.398	196	59186	31.424	ng/ul	100
43) 1,1'-Biphenyl	13.721	154	178483	28.922	ng/ul	96
44) 2-Chloronaphthalene	13.768	162	139083	29.101	ng/ul	99
45) 2-Nitroaniline	13.962	65	58454	31.913	ng/ul	97
47) Dimethylphthalate	14.326	163	198019	30.393	ng/ul	98
48) 2,6-Dinitrotoluene	14.449	165	43814	31.895	ng/ul	92
50) Acenaphthylene	14.614	152	236817	30.131	ng/ul	97
51) 3-Nitroaniline	14.778	138	38758	31.191	ng/ul	97
52) Acenaphthene	14.955	153	155120	29.684	ng/ul	94
53) 2,4-Dinitrophenol	14.984	184	21056	25.998	ng/ul	91
55) 4-Nitrophenol	15.084	109	40798	32.183	ng/ul	90
56) Dibenzofuran	15.283	168	227623	29.991	ng/ul	100
57) 2,4-Dinitrotoluene	15.231	165	66110	33.287	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.507	232	55135	31.560	ng/ul#	93
59) Diethylphthalate	15.683	149	209727	31.201	ng/ul	96
61) Fluorene	15.936	166	196334	31.044	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.918	204	103269	29.425	ng/ul	93
63) 4-Nitroaniline	15.941	138	46399	36.343	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.000	198	37644	29.005	ng/ul#	98
67) N-Nitrosodiphenylamine	16.129	169	171690	29.693	ng/ul	99
68) 4-Bromophenyl-phenylether	16.817	248	73816	29.302	ng/ul#	87
69) Hexachlorobenzene	16.946	284	81572	29.196	ng/ul#	91
70) Atrazine	17.069	200	83147	30.995	ng/ul	97
71) Pentachlorophenol	17.287	266	46896	30.056	ng/ul	96
72) Phenanthrene	17.680	178	336886	29.878	ng/ul	99
74) Anthracene	17.768	178	338536	29.994	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.692	216	84395	26.114	ng/ul	99
76) Pentachlorobenzene	15.207	250	88046	27.992	ng/ul	97
77) Carbazole	18.033	167	327120	32.164	ng/ul	98
78) Di-n-butylphthalate	18.579	149	386787	32.173	ng/ul	100
80) Fluoranthene	19.683	202	472484	32.532	ng/ul#	91
82) Pyrene	20.042	202	462175	32.322	ng/ul#	90
83) Butylbenzylphthalate	20.917	149	171846	34.533	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.839	252	135219	26.824	ng/ul#	96
85) Benzo(a)anthracene	21.939	228	459658	32.007	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.816	149	234693	32.248	ng/ul#	99
87) Chrysene	22.004	228	437565	31.642	ng/ul	97
89) Di-n-octyl phthalate	23.120	149	394877	31.450	ng/ul	100
90) Benzo(b)fluoranthene	24.324	252	480980	31.931	ng/ul#	94
91) Benzo(k)fluoranthene	24.401	252	435880	31.297	ng/ul#	96
93) Benzo(a)pyrene	25.282	252	439667	30.842	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.464	276	511525	31.347	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.529	278	429419	31.111	ng/ul#	94
96) Benzo(g,h,i)perylene	30.716	276	426315	31.071	ng/ul#	90

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

