

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012622\
 Data File : BG052188.D
 Acq On : 27 Jan 2022 16:43
 Operator : CG/JU
 Sample : PB142296BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS296

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2022
 Supervised By :Yogesh Patel 01/28/2022

Quant Time: Jan 27 23:59:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 26 23:58:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	26941	20.000	ng/u1	0.00
20) Naphthalene-d8	11.078	136	115479	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.879	164	85041	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.628	188	202948	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.946	240	196496	20.000	ng/u1	# 0.00
88) Perylene-d12	25.424	264	201348	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.565	96	4047	5.368	ng/uL	0.00
4) Pyridine-d5	3.988	84	59127	25.228	ng/u1	0.00
7) Phenol-d5	7.383	99	77222	29.286	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	44887	26.816	ng/u1	0.00
11) 2-Chlorophenol-d4	7.765	132	54178	31.034	ng/u1	0.00
15) 4-Methylphenol-d8	8.946	113	60257	29.397	ng/u1	0.00
21) Nitrobenzene-d5	9.410	128	27723	30.382	ng/u1	0.00
24) 2-Nitrophenol-d4	10.144	143	30981	30.699	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.691	165	64823	32.862	ng/u1	0.00
31) 4-Chloroaniline-d4	11.202	131	71655	26.084	ng/u1	0.00
46) Dimethylphthalate-d6	14.274	166	218434	31.075	ng/u1	0.00
49) Acenaphthylene-d8	14.574	160	262351	30.898	ng/u1	0.00
54) 4-Nitrophenol-d4	15.067	143	34171	29.076	ng/u1	0.00
60) Fluorene-d10	15.872	176	192059	31.338	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.984	200	37383	29.199	ng/u1	0.00
73) Anthracene-d10	17.728	188	314027	32.618	ng/u1	0.00
81) Pyrene-d10	20.007	212	382783	33.848	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.189	264	362981	34.244	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.600	88	8473	9.740	ng/uL	90
5) Pyridine	4.011	79	59471	24.220	ng/u1	90
6) Benzaldehyde	7.354	77	43065	24.552	ng/u1	95
8) Phenol	7.407	94	75581	28.083	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.636	93	54613	27.721	ng/u1	95
12) 2-Chlorophenol	7.795	128	55093	31.021	ng/u1	94
13) 2-Methylphenol	8.676	108	56928	29.088	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.758	45	76365	25.413	ng/u1	100
16) Acetophenone	9.063	105	88161	27.252	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.040	70	52784	26.708	ng/u1#	98
18) 4-Methylphenol	9.005	108	60430	28.505	ng/u1	98
19) Hexachloroethane	9.340	117	21805	28.438	ng/u1#	73
22) Nitrobenzene	9.451	77	74326	26.261	ng/u1	96
23) Isophorone	9.980	82	144243	26.957	ng/u1	97
25) 2-Nitrophenol	10.174	139	32430	29.240	ng/u1	93
26) 2,4-Dimethylphenol	10.227	107	69261	28.780	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.456	93	75394	27.366	ng/u1	96
29) 2,4-Dichlorophenol	10.720	162	60284	31.118	ng/u1	97
30) Naphthalene	11.125	128	181493	29.004	ng/u1	98
32) 4-Chloroaniline	11.225	127	66689	23.821	ng/u1	96
33) Hexachlorobutadiene	11.413	225	45113	29.214	ng/u1	97
34) Caprolactam	11.971	113	21929m	29.084	ng/u1	
35) 4-Chloro-3-methylphenol	12.341	107	69768	31.191	ng/u1	93
36) 2-Methylnaphthalene	12.723	142	134036	30.071	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.941	142	137755	30.113	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.087	216	88090	29.954	ng/ul	97
40) Hexachlorocyclopentadiene	13.064	237	39071	19.362	ng/ul	98
41) 2,4,6-Trichlorophenol	13.322	196	56970	30.650	ng/ul	98
42) 2,4,5-Trichlorophenol	13.393	196	61773	30.829	ng/ul	98
43) 1,1'-Biphenyl	13.716	154	191977	29.242	ng/ul#	96
44) 2-Chloronaphthalene	13.763	162	144765	28.472	ng/ul	99
45) 2-Nitroaniline	13.957	65	53977	27.701	ng/ul	93
47) Dimethylphthalate	14.315	163	201806	29.116	ng/ul	100
48) 2,6-Dinitrotoluene	14.444	165	45111	30.868	ng/ul	92
50) Acenaphthylene	14.603	152	246120	29.436	ng/ul	97
51) 3-Nitroaniline	14.773	138	39329	29.751	ng/ul	99
52) Acenaphthene	14.944	153	164902	29.662	ng/ul	96
53) 2,4-Dinitrophenol	14.979	184	18722	21.729	ng/ul	92
55) 4-Nitrophenol	15.079	109	36489	27.056	ng/ul#	83
56) Dibenzofuran	15.279	168	237246	29.384	ng/ul	98
57) 2,4-Dinitrotoluene	15.226	165	65733	31.111	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.502	232	56631	30.471	ng/ul#	88
59) Diethylphthalate	15.678	149	209630	29.315	ng/ul	96
61) Fluorene	15.925	166	202572	30.108	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.913	204	112511	30.134	ng/ul	91
63) 4-Nitroaniline	15.931	138	43343	31.912	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.995	198	35044	28.630	ng/ul	99
67) N-Nitrosodiphenylamine	16.125	169	179971	33.002	ng/ul	95
68) 4-Bromophenyl-phenylether	16.806	248	79364	33.404	ng/ul#	86
69) Hexachlorobenzene	16.941	284	89546	33.983	ng/ul#	85
70) Atrazine	17.064	200	75229	29.734	ng/ul	91
71) Pentachlorophenol	17.282	266	39571	26.891	ng/ul	94
72) Phenanthrene	17.675	178	336504	31.644	ng/ul	98
74) Anthracene	17.763	178	334061	31.382	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.687	216	90791	29.787	ng/ul	94
76) Pentachlorobenzene	15.202	250	96750	32.614	ng/ul	97
77) Carbazole	18.028	167	301117	31.393	ng/ul	98
78) Di-n-butylphthalate	18.568	149	357441	31.525	ng/ul	100
80) Fluoranthene	19.673	202	437738	33.495	ng/ul#	89
82) Pyrene	20.037	202	420357	32.670	ng/ul#	89
83) Butylbenzylphthalate	20.906	149	155298	34.682	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.829	252	140937	31.071	ng/ul#	92
85) Benzo(a)anthracene	21.928	228	429297	33.221	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.805	149	220208	33.626	ng/ul#	98
87) Chrysene	21.999	228	406359	32.657	ng/ul	98
89) Di-n-octyl phthalate	23.103	149	372624	33.502	ng/ul	100
90) Benzo(b)fluoranthene	24.313	252	450859	33.788	ng/ul#	96
91) Benzo(k)fluoranthene	24.384	252	416461	33.756	ng/ul#	97
93) Benzo(a)pyrene	25.265	252	426942	33.808	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.430	276	497595	34.422	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.501	278	422338	34.541	ng/ul#	92
96) Benzo(g,h,i)perylene	30.687	276	412201m	33.913	ng/ul	

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

