

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012622\
 Data File : BG052158.D
 Acq On : 26 Jan 2022 20:41
 Operator : CG/JU
 Sample : PB142262BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS262

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/27/2022
 Supervised By :Yogesh Patel 01/28/2022

Quant Time: Jan 27 00:02:34 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	26012	20.000	ng/u1	0.00
20) Naphthalene-d8	11.078	136	109705	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.879	164	81341	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.628	188	202693	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.946	240	193571	20.000	ng/u1	# 0.00
88) Perylene-d12	25.424	264	198054	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.565	96	3731	5.125	ng/uL	0.00
4) Pyridine-d5	3.988	84	51728	22.859	ng/u1	0.00
7) Phenol-d5	7.377	99	69753	27.398	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	40143	24.839	ng/u1	0.00
11) 2-Chlorophenol-d4	7.765	132	47063	27.921	ng/u1	0.00
15) 4-Methylphenol-d8	8.946	113	54525	27.551	ng/u1	0.00
21) Nitrobenzene-d5	9.410	128	25077	28.928	ng/u1	0.00
24) 2-Nitrophenol-d4	10.144	143	28502	29.729	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.691	165	58470	31.201	ng/u1	0.00
31) 4-Chloroaniline-d4	11.202	131	65399	25.060	ng/u1	0.00
46) Dimethylphthalate-d6	14.274	166	206575	30.725	ng/u1	0.00
49) Acenaphthylene-d8	14.579	160	246405	30.340	ng/u1	0.00
54) 4-Nitrophenol-d4	15.067	143	33512	29.812	ng/u1	0.00
60) Fluorene-d10	15.872	176	177654	30.306	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	32993	25.802	ng/u1	0.00
73) Anthracene-d10	17.728	188	292366	30.406	ng/u1	0.00
81) Pyrene-d10	20.007	212	359169	32.240	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.183	264	338598	32.475	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.600	88	7902m	9.408	ng/uL	
5) Pyridine	4.011	79	52605	22.189	ng/u1	96
6) Benzaldehyde	7.360	77	41492m	24.500	ng/u1	
8) Phenol	7.407	94	70669	27.196	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.636	93	50476	26.536	ng/u1	97
12) 2-Chlorophenol	7.795	128	51004	29.744	ng/u1	97
13) 2-Methylphenol	8.676	108	53790	28.466	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.764	45	72287	24.915	ng/u1	95
16) Acetophenone	9.063	105	83486	26.728	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.040	70	50095	26.252	ng/u1	97
18) 4-Methylphenol	9.011	108	56689	27.695	ng/u1	93
19) Hexachloroethane	9.340	117	20090	27.137	ng/u1#	77
22) Nitrobenzene	9.451	77	70772	26.322	ng/u1	99
23) Isophorone	9.980	82	140392	27.618	ng/u1	97
25) 2-Nitrophenol	10.174	139	30568	29.011	ng/u1	98
26) 2,4-Dimethylphenol	10.227	107	63221	27.653	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.456	93	71124	27.175	ng/u1	97
29) 2,4-Dichlorophenol	10.720	162	54605	29.670	ng/u1	93
30) Naphthalene	11.125	128	169811	28.565	ng/u1	99
32) 4-Chloroaniline	11.225	127	63740	23.966	ng/u1	100
33) Hexachlorobutadiene	11.413	225	40951	27.914	ng/u1	97
34) Caprolactam	11.971	113	21535m	30.065	ng/u1	
35) 4-Chloro-3-methylphenol	12.341	107	67943	31.974	ng/u1	95
36) 2-Methylnaphthalene	12.723	142	124935	29.504	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.941	142	129656	29.835	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.087	216	81932	29.128	ng/ul	96
40) Hexachlorocyclopentadiene	13.070	237	37866	19.619	ng/ul	97
41) 2,4,6-Trichlorophenol	13.322	196	55230	31.066	ng/ul	93
42) 2,4,5-Trichlorophenol	13.399	196	60035	31.325	ng/ul	97
43) 1,1'-Biphenyl	13.716	154	185345	29.516	ng/ul#	94
44) 2-Chloronaphthalene	13.763	162	140540	28.899	ng/ul	99
45) 2-Nitroaniline	13.957	65	53559	28.736	ng/ul	92
47) Dimethylphthalate	14.321	163	197523	29.794	ng/ul	98
48) 2,6-Dinitrotoluene	14.438	165	41966	30.023	ng/ul	91
50) Acenaphthylene	14.603	152	236519	29.574	ng/ul	97
51) 3-Nitroaniline	14.773	138	38647	30.565	ng/ul	96
52) Acenaphthene	14.944	153	157753	29.667	ng/ul	95
53) 2,4-Dinitrophenol	14.979	184	18881	22.910	ng/ul	91
55) 4-Nitrophenol	15.079	109	35765	27.726	ng/ul	82
56) Dibenzofuran	15.279	168	229205	29.679	ng/ul	99
57) 2,4-Dinitrotoluene	15.232	165	62898	31.123	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.502	232	55320	31.120	ng/ul	92
59) Diethylphthalate	15.678	149	205836	30.094	ng/ul	97
61) Fluorene	15.925	166	196031	30.461	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.913	204	110417	30.919	ng/ul	92
63) 4-Nitroaniline	15.936	138	43005	33.104	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.995	198	32158	26.306	ng/ul#	98
67) N-Nitrosodiphenylamine	16.124	169	174025	31.952	ng/ul	94
68) 4-Bromophenyl-phenylether	16.806	248	76258	32.137	ng/ul	89
69) Hexachlorobenzene	16.941	284	85074	32.327	ng/ul#	89
70) Atrazine	17.064	200	74271	29.393	ng/ul	96
71) Pentachlorophenol	17.282	266	43976	29.922	ng/ul	92
72) Phenanthrene	17.675	178	328280	30.909	ng/ul	100
74) Anthracene	17.763	178	320937	30.187	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.687	216	88651	29.121	ng/ul	99
76) Pentachlorobenzene	15.202	250	91905	31.019	ng/ul	99
77) Carbazole	18.028	167	295663	30.863	ng/ul	98
78) Di-n-butylphthalate	18.568	149	351458	31.037	ng/ul	100
80) Fluoranthene	19.673	202	417538	32.433	ng/ul#	91
82) Pyrene	20.037	202	410687	32.401	ng/ul#	88
83) Butylbenzylphthalate	20.906	149	150527	34.124	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.828	252	134220	30.038	ng/ul#	98
85) Benzo(a)anthracene	21.928	228	419950	32.989	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.805	149	216180	33.510	ng/ul#	99
87) Chrysene	21.999	228	395052	32.228	ng/ul	98
89) Di-n-octyl phthalate	23.103	149	363509	33.226	ng/ul	100
90) Benzo(b)fluoranthene	24.313	252	431049	32.841	ng/ul#	95
91) Benzo(k)fluoranthene	24.390	252	403070	33.214	ng/ul#	95
93) Benzo(a)pyrene	25.265	252	405406	32.637	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.436	276	467162m	32.854	ng/ul	
95) Dibenzo(a,h)anthracene	29.512	278	399521	33.218	ng/ul#	91
96) Benzo(g,h,i)perylene	30.699	276	396356	33.152	ng/ul#	86

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

