

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012622\
 Data File : BG052177.D
 Acq On : 27 Jan 2022 9:11
 Operator : CG/JU
 Sample : PB142285BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS285

Manual Integrations
 APPROVED

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

Quant Time: Jan 27 23:56:37 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	8.238	152	26596	20.000	ng/u1	0.00
20) Naphthalene-d8	11.075	136	116195	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.882	164	85287	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.631	188	210128	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.949	240	202003	20.000	ng/u1	# 0.00
88) Perylene-d12	25.426	264	208325	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.562	96	4034	5.420	ng/uL	0.00
4) Pyridine-d5	3.991	84	60140	25.993	ng/u1	0.00
7) Phenol-d5	7.380	99	83499	32.078	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.545	67	48263	29.207	ng/u1	0.00
11) 2-Chlorophenol-d4	7.768	132	57613	33.429	ng/u1	0.00
15) 4-Methylphenol-d8	8.943	113	65711	32.474	ng/u1	0.00
21) Nitrobenzene-d5	9.413	128	30595	33.323	ng/u1	0.00
24) 2-Nitrophenol-d4	10.141	143	33996	33.479	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.693	165	69971	35.253	ng/u1	0.00
31) 4-Chloroaniline-d4	11.204	131	76575	27.703	ng/u1	0.00
46) Dimethylphthalate-d6	14.271	166	235564	33.415	ng/u1	0.00
49) Acenaphthylene-d8	14.576	160	286742	33.673	ng/u1	0.00
54) 4-Nitrophenol-d4	15.070	143	38456	32.628	ng/u1	0.00
60) Fluorene-d10	15.869	176	207974	33.837	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.980	200	41143	31.038	ng/u1	0.00
73) Anthracene-d10	17.731	188	347250	34.836	ng/u1	0.00
81) Pyrene-d10	20.010	212	422574	36.348	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.185	264	404559	36.888	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.597	88	8991	10.469	ng/uL#	86
5) Pyridine	4.008	79	65141	26.873	ng/u1	97
6) Benzaldehyde	7.357	77	49877	28.805	ng/u1	98
8) Phenol	7.410	94	82218	30.945	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.639	93	59742	30.718	ng/u1	99
12) 2-Chlorophenol	7.797	128	58619	33.435	ng/u1	97
13) 2-Methylphenol	8.678	108	62927	32.570	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.761	45	87723	29.571	ng/u1	100
16) Acetophenone	9.060	105	98698	30.905	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.043	70	60658	31.090	ng/u1	98
18) 4-Methylphenol	9.007	108	67173	32.096	ng/u1	95
19) Hexachloroethane	9.342	117	23080	30.491	ng/u1#	76
22) Nitrobenzene	9.454	77	84456	29.656	ng/u1#	94
23) Isophorone	9.983	82	167670	31.142	ng/u1	99
25) 2-Nitrophenol	10.176	139	37185	33.320	ng/u1	99
26) 2,4-Dimethylphenol	10.229	107	78543	32.436	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.458	93	87153	31.439	ng/u1	100
29) 2,4-Dichlorophenol	10.717	162	65596	33.651	ng/u1	96
30) Naphthalene	11.128	128	203912	32.385	ng/u1	98
32) 4-Chloroaniline	11.228	127	77457	27.497	ng/u1	100
33) Hexachlorobutadiene	11.416	225	50128	32.261	ng/u1	92
34) Caprolactam	11.980	113	25279m	33.321	ng/u1	
35) 4-Chloro-3-methylphenol	12.344	107	78447	34.855	ng/u1	95
36) 2-Methylnaphthalene	12.720	142	147816	32.958	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.937	142	151788	32.977	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.090	216	100503	34.077	ng/ul	98
40) Hexachlorocyclopentadiene	13.067	237	46692	23.072	ng/ul	97
41) 2,4,6-Trichlorophenol	13.319	196	64618	34.664	ng/ul	95
42) 2,4,5-Trichlorophenol	13.396	196	69690	34.680	ng/ul	96
43) 1,1'-Biphenyl	13.719	154	219050	33.269	ng/ul#	94
44) 2-Chloronaphthalene	13.766	162	166268	32.607	ng/ul	98
45) 2-Nitroaniline	13.954	65	63205	32.343	ng/ul	97
47) Dimethylphthalate	14.318	163	229366	32.997	ng/ul	100
48) 2,6-Dinitrotoluene	14.441	165	50227	34.270	ng/ul	93
50) Acenaphthylene	14.606	152	280612	33.464	ng/ul	97
51) 3-Nitroaniline	14.776	138	44971	33.921	ng/ul	94
52) Acenaphthene	14.946	153	186967	33.534	ng/ul	99
53) 2,4-Dinitrophenol	14.982	184	22394	25.916	ng/ul	93
55) 4-Nitrophenol	15.082	109	41990	31.046	ng/ul	83
56) Dibenzofuran	15.281	168	270583	33.416	ng/ul	99
57) 2,4-Dinitrotoluene	15.228	165	74681	35.244	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.504	232	65314	35.042	ng/ul#	88
59) Diethylphthalate	15.681	149	238934	33.317	ng/ul	99
61) Fluorene	15.927	166	230643	34.181	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.910	204	126871	33.882	ng/ul	93
63) 4-Nitroaniline	15.933	138	48361	35.504	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.998	198	39799	31.404	ng/ul#	97
67) N-Nitrosodiphenylamine	16.121	169	203485	36.039	ng/ul	93
68) 4-Bromophenyl-phenylether	16.809	248	89603	36.425	ng/ul#	83
69) Hexachlorobenzene	16.938	284	100000	36.654	ng/ul#	88
70) Atrazine	17.067	200	85751	32.735	ng/ul	98
71) Pentachlorophenol	17.279	266	49076	32.210	ng/ul	97
72) Phenanthrene	17.672	178	386803	35.131	ng/ul	98
74) Anthracene	17.766	178	376955	34.201	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.689	216	104160	33.005	ng/uL	97
76) Pentachlorobenzene	15.199	250	111209	36.207	ng/uL	96
77) Carbazole	18.030	167	343591	34.597	ng/ul	97
78) Di-n-butylphthalate	18.571	149	405504	34.542	ng/ul	100
80) Fluoranthene	19.675	202	494251	36.789	ng/ul#	90
82) Pyrene	20.034	202	480918	36.358	ng/ul#	89
83) Butylbenzylphthalate	20.903	149	177894	38.645	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.825	252	161601	34.656	ng/ul#	96
85) Benzo(a)anthracene	21.925	228	484490	36.470	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.808	149	248864	36.966	ng/ul#	96
87) Chrysene	21.996	228	461387	36.068	ng/ul	97
89) Di-n-octyl phthalate	23.106	149	427724	37.168	ng/ul	100
90) Benzo(b)fluoranthene	24.316	252	524326	37.978	ng/ul#	96
91) Benzo(k)fluoranthene	24.387	252	475221	37.228	ng/ul#	97
93) Benzo(a)pyrene	25.262	252	482228	36.908	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.439	276	570154	38.121	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.509	278	484196	38.274	ng/ul#	92
96) Benzo(g,h,i)perylene	30.707	276	481915	38.321	ng/ul#	89

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

