

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
 Data File : BG052700.D
 Acq On : 17 Mar 2022 20:15
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV420

Quant Time: Mar 18 23:49:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 00:55:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2022
 Supervised By :Yogesh Patel 03/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.155	152	39352	20.000	ng/u1	0.00
20) Naphthalene-d8	10.969	136	157956	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	111173	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.513	188	270470	20.000	ng/u1	0.00
79) Chrysene-d12	21.801	240	280820	20.000	ng/u1	0.00
88) Perylene-d12	25.126	264	284029	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.561	96	8654m	7.768	ng/uL	0.00
4) Pyridine-d5	3.984	84	63795	22.937	ng/u1	0.00
7) Phenol-d5	7.291	99	77475	21.981	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.468	67	53132	24.682	ng/u1	0.00
11) 2-Chlorophenol-d4	7.679	132	53993	22.561	ng/u1	0.00
15) 4-Methylphenol-d8	8.842	113	56204	22.013	ng/u1	0.00
21) Nitrobenzene-d5	9.306	128	26792	23.563	ng/u1	0.00
24) 2-Nitrophenol-d4	10.040	143	27734	23.126	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	59131	22.664	ng/u1	0.00
31) 4-Chloroaniline-d4	11.086	131	76750	22.257	ng/u1	0.00
46) Dimethylphthalate-d6	14.170	166	185603	21.731	ng/u1	0.00
49) Acenaphthylene-d8	14.464	160	221395	21.332	ng/u1	0.00
54) 4-Nitrophenol-d4	14.934	143	31499	21.936	ng/u1	0.00
60) Fluorene-d10	15.762	176	159072	21.212	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.862	200	28763	20.897	ng/u1	0.00
73) Anthracene-d10	17.613	188	263089	20.889	ng/u1	0.00
81) Pyrene-d10	19.892	212	326690	20.796	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.897	264	305878	20.842	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.602	88	10208	7.478	ng/uL#	94
5) Pyridine	4.002	79	62316	20.736	ng/u1	94
6) Benzaldehyde	7.280	77	54683m	23.338	ng/u1	
8) Phenol	7.321	94	77040	22.679	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.561	93	59063	23.048	ng/u1	97
12) 2-Chlorophenol	7.708	128	54377	22.238	ng/u1	95
13) 2-Methylphenol	8.584	108	57682	21.848	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.678	45	90038	21.616	ng/u1	98
16) Acetophenone	8.971	105	88552	22.232	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.954	70	52068	22.424	ng/u1	97
18) 4-Methylphenol	8.907	108	61954	22.524	ng/u1	99
19) Hexachloroethane	9.247	117	23459	21.623	ng/u1	90
22) Nitrobenzene	9.353	77	77610	23.360	ng/u1	91
23) Isophorone	9.882	82	138967	21.883	ng/u1	96
25) 2-Nitrophenol	10.070	139	28408	22.843	ng/u1	91
26) 2,4-Dimethylphenol	10.117	107	69314	22.493	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.358	93	77458	21.934	ng/u1	96
29) 2,4-Dichlorophenol	10.604	162	56935	22.445	ng/u1	99
30) Naphthalene	11.016	128	180688	22.105	ng/u1	97
32) 4-Chloroaniline	11.110	127	77823	22.968	ng/u1	99
33) Hexachlorobutadiene	11.309	225	47132	22.751	ng/u1	95
34) Caprolactam	11.873	113	17073m	22.347	ng/u1	
35) 4-Chloro-3-methylphenol	12.220	107	64023	23.267	ng/u1	92
36) 2-Methylnaphthalene	12.608	142	129286	22.412	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.831	142	123346	21.120	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.978	216	78420	21.341	ng/ul	98
40) Hexachlorocyclopentadiene	12.966	237	58293	22.915	ng/ul	98
41) 2,4,6-Trichlorophenol	13.207	196	50280	22.392	ng/ul	93
42) 2,4,5-Trichlorophenol	13.271	196	54332	22.406	ng/ul	99
43) 1,1'-Biphenyl	13.606	154	167037	21.026	ng/ul	97
44) 2-Chloronaphthalene	13.653	162	139507	21.930	ng/ul	98
45) 2-Nitroaniline	13.841	65	41286	22.141	ng/ul	97
47) Dimethylphthalate	14.217	163	179752	22.054	ng/ul	99
48) 2,6-Dinitrotoluene	14.329	165	35307	23.913	ng/ul#	95
50) Acenaphthylene	14.493	152	225357	22.483	ng/ul	98
51) 3-Nitroaniline	14.658	138	37986	25.489	ng/ul	99
52) Acenaphthene	14.834	153	142449	21.754	ng/ul	98
53) 2,4-Dinitrophenol	14.863	184	18586	20.263	ng/ul#	62
55) 4-Nitrophenol	14.946	109	33891	22.426	ng/ul	95
56) Dibenzofuran	15.169	168	215920	22.242	ng/ul	97
57) 2,4-Dinitrotoluene	15.116	165	48790	23.290	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.386	232	52701	24.111	ng/ul#	98
59) Diethylphthalate	15.580	149	184436	22.343	ng/ul	99
61) Fluorene	15.815	166	172564	21.446	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.809	204	94148	21.988	ng/ul	97
63) 4-Nitroaniline	15.815	138	40939m	27.934	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.874	198	27334	20.297	ng/ul	100
67) N-Nitrosodiphenylamine	16.015	169	154395	21.113	ng/ul	95
68) 4-Bromophenyl-phenylether	16.696	248	58862	21.979	ng/ul	96
69) Hexachlorobenzene	16.825	284	73953	21.378	ng/ul	96
70) Atrazine	16.961	200	64825	21.630	ng/ul	98
71) Pentachlorophenol	17.160	266	44937m	21.361	ng/ul	
72) Phenanthrene	17.554	178	303549	21.384	ng/ul	99
74) Anthracene	17.648	178	301038	21.212	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.577	216	80885	20.079	ng/uL	98
76) Pentachlorobenzene	15.092	250	84641	21.901	ng/uL	98
77) Carbazole	17.906	167	280600	22.372	ng/ul	98
78) Di-n-butylphthalate	18.470	149	323484	21.689	ng/ul	100
80) Fluoranthene	19.557	202	394748	21.323	ng/ul	99
82) Pyrene	19.921	202	388448	21.110	ng/ul	98
83) Butylbenzylphthalate	20.802	149	140602	21.977	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.689	252	146306	23.245	ng/ul	98
85) Benzo(a)anthracene	21.783	228	395511	21.822	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.689	149	196783	22.208	ng/ul	100
87) Chrysene	21.848	228	359774	20.811	ng/ul	99
89) Di-n-octyl phthalate	22.941	149	321106	21.705	ng/ul	100
90) Benzo(b)fluoranthene	24.069	252	395679	21.574	ng/ul	99
91) Benzo(k)fluoranthene	24.139	252	371246m	21.933	ng/ul	
93) Benzo(a)pyrene	24.967	252	366249	21.151	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.915	276	393729	20.106	ng/ul	98
95) Dibenzo(a,h)anthracene	28.985	278	343991	20.667	ng/ul	99
96) Benzo(g,h,i)perylene	30.102	276	338652	20.458	ng/ul	100

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

