

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
 Data File : BG049638.D
 Acq On : 4 Aug 2021 15:13
 Operator : CG/JU
 Sample : SSTD16020
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :

Quant Time: Aug 04 16:07:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 13:55:58 2021
 Response via : Initial Calibration

Compound	R. T.	QI on	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	29154	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	118788	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	78817	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.454	188	164025	20.000	ng/ul	0.01
79) Chrysene-d12	21.736	240	155914	20.000	ng/ul	0.01
88) Perylene-d12	25.014	264	166512	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	42648	66.925	ng/uL	0.00
4) Pyridine-d5	3.843	84	311881	170.397	ng/ul	0.00
7) Phenol-d5	7.209	99	431062	167.117	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.373	67	233618	159.916	ng/ul	0.01
11) 2-Chlorophenol-d4	7.579	132	316535	171.195	ng/ul	0.00
15) 4-Methylphenol-d8	8.772	113	320930	165.066	ng/ul	0.02
21) Nitrobenzene-d5	9.224	128	158376	173.414	ng/ul	0.01
24) 2-Nitrophenol-d4	9.946	143	187327	175.038	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.493	165	339622	174.485	ng/ul	0.01
31) 4-Chloroaniline-d4	11.010	131	427111	157.448	ng/ul	0.01
46) Dimethylphthalate-d6	14.105	166	964577	159.765	ng/ul	0.01
49) Acenaphthylene-d8	14.399	160	1132316	161.472	ng/ul	0.01
54) 4-Nitrophenol-d4	14.922	143	167099	168.064	ng/ul	0.04
60) Fluorene-d10	15.697	176	821474	157.936	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.827	200	191059	187.974	ng/ul	0.02
73) Anthracene-d10	17.454	188	164025	21.516	ng/ul	-0.09
81) Pyrene-d10	19.839	212	1322446	165.878	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.814	264	1465463	167.449	ng/ul	0.04
Target Compounds						
2) 1,4-Dioxane	3.467	88	41772	47.959	ng/uL	89
5) Pyridine	3.866	79	335594	171.411	ng/ul	97
6) Benzaldehyde	7.180	77	184011	119.553	ng/ul	84
8) Phenol	7.238	94	417840	165.828	ng/ul #	95
10) Bis(2-Chloroethyl)ether	7.467	93	282354	162.652	ng/ul	93
12) 2-Chlorophenol	7.614	128	307863	172.952	ng/ul	96
13) 2-Methylphenol	8.490	108	331335	172.531	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.578	45	307826	151.318	ng/ul	96
16) Acetophenone	8.883	105	518653	165.746	ng/ul	98
17) N-Nitrosodipropylamine	8.889	70	266752	165.315	ng/ul	92
18) 4-Methylphenol	8.842	108	333772	165.207	ng/ul	88
19) Hexachloroethane	9.136	117	134032	167.141	ng/ul	86
22) Nitrobenzene	9.271	77	436715	160.153	ng/ul	99
23) Isophorone	9.805	82	739571	161.857	ng/ul	95
25) 2-Nitrophenol	9.982	139	179215	177.940	ng/ul #	92
26) 2,4-Dimethylphenol	10.040	107	411302	171.350	ng/ul	97
27) Bis(2-Chloroethoxy)meth...	10.269	93	373189	163.753	ng/ul	100
29) 2,4-Dichlorophenol	10.522	162	315697	165.916	ng/ul	94
30) Naphthalene	10.922	128	972617	158.956	ng/ul	98
32) 4-Chloroaniline	11.033	127	410505	159.085	ng/ul	98
33) Hexachlorobutadiene	11.198	225	245992	169.099	ng/ul	90
34) Caprolactam	11.844	113	53422	82.552	ng/ul	99
35) 4-Chloro-3-methylphenol	12.167	107	369075	172.392	ng/ul	94

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Compound	R. T.	QI on	Response	Conc	Units	Dev(Mi n)
36) 2-Methyl naphthal ene	12.525	142	719233	160.603	ng/ul	96
37) 1-Methyl naphthal ene	12.748	142	713374	157.641	ng/ul	99
39) 1, 2, 4, 5-Tetrachl oroben. . .	12.895	216	398088	169.937	ng/ul	99
40) Hexachl orocycl opentadi ene	12.872	237	281261	199.263	ng/ul	94
41) 2, 4, 6-Tri chl orophenol	13.136	196	270691	188.036	ng/ul #	93
42) 2, 4, 5-Tri chl orophenol	13.213	196	285813	185.909	ng/ul	100
43) 1, 1' -Bi phenyl	13.536	154	898739	160.128	ng/ul	100
44) 2-Chl oronaphthal ene	13.583	162	717423	164.264	ng/ul	98
45) 2-Ni troani li ne	13.788	65	272527	175.832	ng/ul	97
47) Di methyl phthal ate	14.158	163	916528	156.103	ng/ul	98
48) 2, 6-Di ni trotol uene	14.288	165	204412	174.451	ng/ul	94
50) Acenaphthyl ene	14.429	152	1037944	154.992	ng/ul	99
51) 3-Ni troani li ne	14.617	138	172998	148.032	ng/ul #	91
52) Acenaphthene	14.769	153	770555	160.432	ng/ul	97
53) 2, 4-Di ni trophenol	14.822	184	140096	239.977	ng/ul	97
55) 4-Ni trophenol	14.940	109	215574	159.899	ng/ul	92
56) Di benzofuran	15.104	168	1021852	157.561	ng/ul	95
57) 2, 4-Di ni trotol uene	15.075	165	286683	172.603	ng/ul #	96
58) 2, 3, 4, 6-Tetrachl orophenol	15.327	232	247903	177.689	ng/ul #	95
59) Di ethyl phthal ate	15.521	149	940251	154.736	ng/ul #	93
61) Fl uorene	15.756	166	843310	153.171	ng/ul	91
62) 4-Chl orophenyl -phenyl e. . .	15.739	204	470215	164.066	ng/ul	97
63) 4-Ni troani li ne	15.797	138	164840	142.241	ng/ul	98
66) 4, 6-Di ni tro-2-methyl ph. . .	15.844	198	171653	183.460	ng/ul #	94
67) N-Ni trosodi phenyl ami ne	15.956	169	724894	168.632	ng/ul	96
68) 4-Bromophenyl -phenyl ether	16.637	248	323550	177.156	ng/ul	92
69) Hexachl orobenzene	16.761	284	362177	175.270	ng/ul	96
70) Atrazi ne	16.908	200	286001	145.673	ng/ul	96
71) Pentachl orophenol	17.101	266	212121	221.702	ng/ul	97
72) Phenanthrene	17.501	178	1318778	154.440	ng/ul	95
74) Anthracene	17.595	178	1287265	148.764	ng/ul	94
75) 1, 2, 3, 4-Tetrachl oroben. . .	13.500	216	411047	184.423	ng/uL	99
76) Pentachl orobenzene	15.022	250	429756	182.240	ng/uL	98
77) Carbazol e	17.859	167	1157533	149.627	ng/ul	94
78) Di -n-butyl phthal ate	18.406	149	1427298	148.365	ng/ul	96
80) Fl uoranthene	19.504	202	1560246	161.178	ng/ul	97
82) Pyrene	19.874	202	1481374	154.132	ng/ul	97
83) Butyl benzyl phthal ate	20.744	149	680760	181.932	ng/ul	97
84) 3, 3' -Di chl orobenzi di ne	21.631	252	533617	148.952	ng/ul	97
85) Benzo(a)anthracene	21.719	228	1526423	160.129	ng/ul	93
86) Bi s(2-ethyl hexyl)phtha. . .	21.607	149	969173	174.527	ng/ul	97
87) Chrysene	21.789	228	1435929	157.380	ng/ul	95
89) Di -n-octyl phthal ate	22.841	149	1574418	160.853	ng/ul	100
90) Benzo(b)fl uoranthene	23.986	252	1734122	166.159	ng/ul	98
91) Benzo(k)fl uoranthene	24.057	252	1598230	156.474	ng/ul	97
93) Benzo(a)pyrene	24.885	252	1482035	163.687	ng/ul	99
94) I ndeno(1, 2, 3-cd)pyrene	28.797	276	1132456	98.027	ng/ul	99
95) Di benzo(a, h)anthracene	28.885	278	1600607	167.428	ng/ul	99
96) Benzo(g, h, i)peryl ene	30.002	276	1621506	168.822	ng/ul	98

(#) = qual i fier out of range (m) = manual i ntegrati on (+) = signal s summed

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