

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050324.D
 Acq On : 30 Sep 2021 14:55
 Operator : CG/JU
 Sample : SSTD08044
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD080444

Manual Integrations
 APPROVED

mohammad
 10/1/2021 11:29:51 AM

Quant Time: Sep 30 15:37:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 14:12:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	55332	20.000	ng/u1	0.00
20) Naphthalene-d8	11.105	136	229642	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.894	164	157013	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.638	188	372709	20.000	ng/u1	0.00
79) Chrysene-d12	21.951	240	328924	20.000	ng/u1	0.00
88) Perylene-d12	25.382	264	335499	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.643	96	49284	43.073	ng/uL	0.00
4) Pyridine-d5	4.066	84	363873	105.516	ng/u1	0.00
7) Phenol-d5	7.415	99	393690	89.612	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.597	67	240757	94.417	ng/u1	0.00
11) 2-Chlorophenol-d4	7.803	132	273833	85.756	ng/u1	0.00
15) 4-Methylphenol-d8	8.978	113	295718	85.446	ng/u1	0.01
21) Nitrobenzene-d5	9.454	128	135671	95.634	ng/u1	0.00
24) 2-Nitrophenol-d4	10.176	143	152615	97.398	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.711	165	285330	78.061	ng/u1	0.00
31) 4-Chloroaniline-d4	11.234	131	385126	80.205	ng/u1	0.00
46) Dimethylphthalate-d6	14.295	166	861669	80.746	ng/u1	0.00
49) Acenaphthylene-d8	14.595	160	1047569	78.095	ng/u1	0.00
54) 4-Nitrophenol-d4	15.076	143	169879	94.352	ng/u1	0.02
60) Fluorene-d10	15.887	176	753152	77.086	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.999	200	158379	100.303	ng/u1	0.01
73) Anthracene-d10	17.744	188	1170474	73.732	ng/u1	0.00
81) Pyrene-d10	20.012	212	1348817	75.740	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.159	264	1362094	79.630	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.678	88	56808	39.354	ng/uL	91
5) Pyridine	4.089	79	362120	101.256	ng/u1	98
6) Benzaldehyde	7.409	77	233676	83.798	ng/u1	92
8) Phenol	7.438	94	394671	88.680	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.691	93	293915	88.863	ng/u1	100
12) 2-Chlorophenol	7.838	128	275426	81.845	ng/u1	97
13) 2-Methylphenol	8.707	108	299576	86.275	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.801	45	435009	99.414	ng/u1	98
16) Acetophenone	9.113	105	449764	85.072	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.095	70	272380	90.627	ng/u1	94
18) 4-Methylphenol	9.042	108	306703	86.719	ng/u1	96
19) Hexachloroethane	9.371	117	118781	82.260	ng/u1	96
22) Nitrobenzene	9.495	77	388331	95.410	ng/u1	100
23) Isophorone	10.029	82	740049	86.206	ng/u1	97
25) 2-Nitrophenol	10.206	139	154229	94.241	ng/u1	95
26) 2,4-Dimethylphenol	10.253	107	348282	79.587	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.494	93	398248	84.980	ng/u1	97
29) 2,4-Dichlorophenol	10.740	162	271678	77.139	ng/u1	96
30) Naphthalene	11.157	128	902864	76.652	ng/u1	98
32) 4-Chloroaniline	11.257	127	386629	80.626	ng/u1	94
33) Hexachlorobutadiene	11.428	225	193695	66.295	ng/u1	98
34) Caprolactam	12.051	113	111396m	100.306	ng/u1	
35) 4-Chloro-3-methylphenol	12.356	107	328625	86.038	ng/u1	96
36) 2-Methylnaphthalene	12.738	142	620194	76.029	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.955	142	617467	74.969	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.102	216	360374	72.901	ng/ul	97
40) Hexachlorocyclopentadiene	13.073	237	244799	71.791	ng/ul	91
41) 2,4,6-Trichlorophenol	13.331	196	246297	84.492	ng/ul	97
42) 2,4,5-Trichlorophenol	13.402	196	265505	84.657	ng/ul	96
43) 1,1'-Biphenyl	13.737	154	808684	75.923	ng/ul	98
44) 2-Chloronaphthalene	13.784	162	647782	76.864	ng/ul	96
45) 2-Nitroaniline	13.978	65	245927	122.561	ng/ul	94
47) Dimethylphthalate	14.342	163	836085	77.780	ng/ul	98
48) 2,6-Dinitrotoluene	14.465	165	177722	104.441	ng/ul	97
50) Acenaphthylene	14.624	152	1037265	76.542	ng/ul	97
51) 3-Nitroaniline	14.794	138	180655	94.954	ng/ul	93
52) Acenaphthene	14.959	153	707315	79.722	ng/ul	98
53) 2,4-Dinitrophenol	14.994	184	115919	107.593	ng/ul#	84
55) 4-Nitrophenol	15.088	109	170216	91.994	ng/ul	98
56) Dibenzofuran	15.294	168	992124	74.724	ng/ul	94
57) 2,4-Dinitrotoluene	15.247	165	255585	105.986	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.511	232	227651	80.684	ng/ul	98
59) Diethylphthalate	15.699	149	888193	80.372	ng/ul	99
61) Fluorene	15.940	166	795742	76.499	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.928	204	441291	75.363	ng/ul	97
63) 4-Nitroaniline	15.964	138	175930	89.827	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.011	198	156624	98.736	ng/ul#	94
67) N-Nitrosodiphenylamine	16.140	169	726966	77.137	ng/ul	97
68) 4-Bromophenyl-phenylether	16.821	248	278190	71.983	ng/ul	95
69) Hexachlorobenzene	16.939	284	292719	68.363	ng/ul	96
70) Atrazine	17.086	200	323039	77.688	ng/ul	98
71) Pentachlorophenol	17.280	266	202704	74.192	ng/ul	99
72) Phenanthrene	17.685	178	1363075	73.690	ng/ul	96
74) Anthracene	17.779	178	1334397	72.432	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.702	216	396554	74.846	ng/ul	98
76) Pentachlorobenzene	15.206	250	362511	70.958	ng/ul	98
77) Carbazole	18.043	167	1274656	78.206	ng/ul	96
78) Di-n-butylphthalate	18.584	149	1477834	78.639	ng/ul#	96
80) Fluoranthene	19.683	202	1660834	73.562	ng/ul	98
82) Pyrene	20.047	202	1574576	70.921	ng/ul	97
83) Butylbenzylphthalate	20.917	149	676392	90.437	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.833	252	536592	76.174	ng/ul	100
85) Benzo(a)anthracene	21.927	228	1519811	76.726	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.810	149	956213	89.567	ng/ul	98
87) Chrysene	22.004	228	1457404	75.893	ng/ul	95
89) Di-n-octyl phthalate	23.108	149	1592059	96.804	ng/ul	100
90) Benzo(b)fluoranthene	24.295	252	1632457	83.125	ng/ul	99
91) Benzo(k)fluoranthene	24.371	252	1448074	78.527	ng/ul	97
93) Benzo(a)pyrene	25.241	252	1518285	81.395	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.348	276	1755740	80.549	ng/ul	97
95) Dibenzo(a,h)anthracene	29.430	278	1472675	78.388	ng/ul	96
96) Benzo(g,h,i)perylene	30.605	276	1478665	79.285	ng/ul	98

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

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