

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120821\
 Data File : BG051425.D
 Acq On : 9 Dec 2021 3:13
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020581

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :Yogesh Patel 12/16/2021

Quant Time: Dec 09 09:41:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 09 03:21:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.185	152	27620	20.000	ng/u1	0.00
20) Naphthalene-d8	11.011	136	121544	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.818	164	80844	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.574	188	182214	20.000	ng/u1	0.00
79) Chrysene-d12	21.875	240	158345	20.000	ng/u1	0.00
88) Perylene-d12	25.271	264	156256	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.526	96	6543m	7.779	ng/uL	0.00
4) Pyridine-d5	3.966	84	42327	17.525	ng/u1	0.00
7) Phenol-d5	7.357	99	50743	18.047	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.503	67	33232	18.430	ng/u1	0.00
11) 2-Chlorophenol-d4	7.721	132	37665	18.828	ng/u1	0.00
15) 4-Methylphenol-d8	8.908	113	40079	18.144	ng/u1	0.00
21) Nitrobenzene-d5	9.366	128	19285	18.291	ng/u1	0.00
24) 2-Nitrophenol-d4	10.095	143	22174	18.585	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.647	165	38100	19.630	ng/u1	0.00
31) 4-Chloroaniline-d4	11.158	131	53460	18.831	ng/u1	0.00
46) Dimethylphthalate-d6	14.213	166	118273	18.907	ng/u1	0.00
49) Acenaphthylene-d8	14.519	160	154523	19.504	ng/u1	0.00
54) 4-Nitrophenol-d4	15.065	143	14805	15.719	ng/u1	0.00
60) Fluorene-d10	15.811	176	107703	19.341	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.952	200	17745	16.388	ng/u1	0.00
73) Anthracene-d10	17.668	188	167452	19.641	ng/u1	0.00
81) Pyrene-d10	19.948	212	192755	20.253	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.036	264	157107	19.493	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.567	88	6354	6.770	ng/uL	91
5) Pyridine	3.984	79	44844	17.788	ng/u1	94
6) Benzaldehyde	7.327	77	38225m	21.384	ng/u1	
8) Phenol	7.386	94	53045	18.431	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.597	93	40851	18.532	ng/u1	97
12) 2-Chlorophenol	7.756	128	38435	18.756	ng/u1	97
13) 2-Methylphenol	8.643	108	38815	18.115	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.708	45	61647	18.585	ng/u1	96
16) Acetophenone	9.019	105	64164	18.759	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.990	70	37618	18.345	ng/u1	93
18) 4-Methylphenol	8.972	108	41729	18.538	ng/u1	99
19) Hexachloroethane	9.266	117	16196	18.279	ng/u1	98
22) Nitrobenzene	9.413	77	54309	18.933	ng/u1	97
23) Isophorone	9.930	82	102103	18.540	ng/u1	100
25) 2-Nitrophenol	10.124	139	22279	18.648	ng/u1	99
26) 2,4-Dimethylphenol	10.177	107	48111	19.016	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.406	93	55987	18.771	ng/u1	97
29) 2,4-Dichlorophenol	10.676	162	35374	18.589	ng/u1	94
30) Naphthalene	11.064	128	126505	18.953	ng/u1	98
32) 4-Chloroaniline	11.181	127	53976	18.901	ng/u1	99
33) Hexachlorobutadiene	11.322	225	24379	18.782	ng/u1	97
34) Caprolactam	11.963	113	14147m	17.941	ng/u1	
35) 4-Chloro-3-methylphenol	12.310	107	44213	18.705	ng/u1	95
36) 2-Methylnaphthalene	12.656	142	84896	19.073	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.874	142	87402	19.077	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.020	216	47693	18.946	ng/ul	98
40) Hexachlorocyclopentadiene	12.985	237	19815	14.865	ng/ul	99
41) 2,4,6-Trichlorophenol	13.273	196	31089	19.118	ng/ul	99
42) 2,4,5-Trichlorophenol	13.361	196	33252	19.100	ng/ul	96
43) 1,1'-Biphenyl	13.655	154	116139	19.216	ng/ul	96
44) 2-Chloronaphthalene	13.702	162	91701	19.337	ng/ul	98
45) 2-Nitroaniline	13.919	65	33657	18.777	ng/ul	91
47) Dimethylphthalate	14.260	163	118065	18.727	ng/ul	100
48) 2,6-Dinitrotoluene	14.401	165	25339	18.993	ng/ul	99
50) Acenaphthylene	14.548	152	148880	19.043	ng/ul	99
51) 3-Nitroaniline	14.742	138	25404	19.773	ng/ul	97
52) Acenaphthene	14.883	153	98687	19.239	ng/ul	97
53) 2,4-Dinitrophenol	14.983	184	6841m	9.915	ng/ul	
55) 4-Nitrophenol	15.083	109	17050m	18.198	ng/ul	
56) Dibenzofuran	15.218	168	140845	19.367	ng/ul	99
57) 2,4-Dinitrotoluene	15.200	165	36114	18.938	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.453	232	25138	19.057	ng/ul	99
59) Diethylphthalate	15.612	149	126313	18.563	ng/ul	99
61) Fluorene	15.864	166	112332	19.073	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.847	204	59061	19.101	ng/ul	98
63) 4-Nitroaniline	15.911	138	21686	19.015	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.970	198	18375	17.455	ng/ul#	95
67) N-Nitrosodiphenylamine	16.064	169	98917	19.473	ng/ul	99
68) 4-Bromophenyl-phenylether	16.746	248	35975	19.553	ng/ul	96
69) Hexachlorobenzene	16.869	284	36640	19.538	ng/ul	99
70) Atrazine	17.010	200	42144	19.229	ng/ul	99
71) Pentachlorophenol	17.239	266	11539m	14.213	ng/ul	
72) Phenanthrene	17.615	178	192043	19.561	ng/ul	99
74) Anthracene	17.703	178	194050	19.745	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.626	216	50723	19.907	ng/uL	98
76) Pentachlorobenzene	15.136	250	46255	20.051	ng/uL	98
77) Carbazole	17.985	167	174630	19.962	ng/ul	99
78) Di-n-butylphthalate	18.502	149	227026	19.356	ng/ul	99
80) Fluoranthene	19.619	202	236450	20.177	ng/ul	97
82) Pyrene	19.983	202	232935	20.256	ng/ul	97
83) Butylbenzylphthalate	20.835	149	97098	19.359	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.757	252	64288	19.226	ng/ul	98
85) Benzo(a)anthracene	21.851	228	205928	19.687	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.704	149	136446	19.586	ng/ul	99
87) Chrysene	21.922	228	195141	19.566	ng/ul	100
89) Di-n-octyl phthalate	22.968	149	229135	19.940	ng/ul	100
90) Benzo(b)fluoranthene	24.184	252	198320	19.322	ng/ul	99
91) Benzo(k)fluoranthene	24.254	252	188559	19.725	ng/ul	99
93) Benzo(a)pyrene	25.112	252	190141	19.450	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.196	276	205480	18.939	ng/ul	97
95) Dibenzo(a,h)anthracene	29.249	278	172125	18.820	ng/ul	96
96) Benzo(g,h,i)perylene	30.424	276	170370	18.777	ng/ul	97

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

