

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050089.D
 Acq On : 1 Sep 2021 8:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020506

Manual Integrations
 APPROVED

mohammad
 9/1/2021 4:50:55 PM

Quant Time: Sep 01 10:24:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	34655	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	140819	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.623	164	95921	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.378	188	199042	20.000	ng/u1	0.00
79) Chrysene-d12	21.654	240	186704	20.000	ng/u1	0.00
88) Perylene-d12	24.885	264	191753	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	6446	9.592	ng/uL	0.00
4) Pyridine-d5	3.749	84	43176	21.329	ng/u1	0.00
7) Phenol-d5	7.133	99	63414	21.549	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.280	67	35207	21.535	ng/u1	0.00
11) 2-Chlorophenol-d4	7.491	132	50294	22.841	ng/u1	0.00
15) 4-Methylphenol-d8	8.684	113	48589	20.965	ng/u1	0.00
21) Nitrobenzene-d5	9.130	128	24380	22.331	ng/u1	0.00
24) 2-Nitrophenol-d4	9.859	143	28231	21.717	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.411	165	53216	22.951	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	67700	21.452	ng/u1	0.00
46) Dimethylphthalate-d6	14.024	166	152408	20.761	ng/u1	0.00
49) Acenaphthylene-d8	14.317	160	192970	22.419	ng/u1	0.00
54) 4-Nitrophenol-d4	14.858	143	18896	17.791	ng/u1	0.01
60) Fluorene-d10	15.621	176	134768	21.653	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.756	200	23512	18.361	ng/u1	0.00
73) Anthracene-d10	17.478	188	205618	23.005	ng/u1	0.00
81) Pyrene-d10	19.769	212	228576	22.655	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.662	264	229709	22.580	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.361	88	6681	8.155	ng/uL#	78
5) Pyridine	3.767	79	45302	20.706	ng/u1	87
6) Benzaldehyde	7.098	77	21095	12.457	ng/u1	97
8) Phenol	7.156	94	64404	21.667	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.374	93	45052	21.956	ng/u1	98
12) 2-Chlorophenol	7.526	128	50032	22.995	ng/u1#	87
13) 2-Methylphenol	8.413	108	49456	21.567	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.496	45	45855m	21.311	ng/u1	
16) Acetophenone	8.789	105	80785	21.374	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.766	70	39961	21.056	ng/u1	98
18) 4-Methylphenol	8.748	108	50658	20.534	ng/u1	91
19) Hexachloroethane	9.042	117	21996	23.100	ng/u1	96
22) Nitrobenzene	9.171	77	65023	21.980	ng/u1	99
23) Isophorone	9.694	82	112075	21.264	ng/u1	98
25) 2-Nitrophenol	9.894	139	28643	22.663	ng/u1	88
26) 2,4-Dimethylphenol	9.958	107	63412	22.576	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.176	93	60237	22.132	ng/u1	95
29) 2,4-Dichlorophenol	10.440	162	49860	23.429	ng/u1	96
30) Naphthalene	10.834	128	154627	21.969	ng/u1	98
32) 4-Chloroaniline	10.945	127	66886	22.007	ng/u1	88
33) Hexachlorobutadiene	11.110	225	38506	22.366	ng/u1	94
34) Caprolactam	11.709	113	15831m	21.236	ng/u1	
35) 4-Chloro-3-methylphenol	12.085	107	57161	22.474	ng/u1	95
36) 2-Methylnaphthalene	12.443	142	118780	22.702	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.661	142	117012	22.156	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.813	216	66553	23.623	ng/ul#	97
40) Hexachlorocyclopentadiene	12.784	237	18662	14.801	ng/ul	93
41) 2,4,6-Trichlorophenol	13.060	196	40907	22.784	ng/ul	91
42) 2,4,5-Trichlorophenol	13.148	196	42694	22.689	ng/ul	92
43) 1,1'-Biphenyl	13.448	154	152755	22.795	ng/ul	100
44) 2-Chloronaphthalene	13.501	162	119243	22.153	ng/ul	97
45) 2-Nitroaniline	13.706	65	39576	21.655	ng/ul	96
47) Dimethylphthalate	14.071	163	151971	20.918	ng/ul#	96
48) 2,6-Dinitrotoluene	14.200	165	32113	21.410	ng/ul	92
50) Acenaphthylene	14.347	152	176191	22.397	ng/ul	96
51) 3-Nitroaniline	14.535	138	26330	18.192	ng/ul	91
52) Acenaphthene	14.687	153	126815	22.222	ng/ul	99
53) 2,4-Dinitrophenol	14.764	184	12463	16.269	ng/ul	88
55) 4-Nitrophenol	14.869	109	24247	18.006	ng/ul	94
56) Dibenzofuran	15.022	168	173781	21.990	ng/ul	99
57) 2,4-Dinitrotoluene	14.999	165	47931	22.216	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.257	232	32186	20.641	ng/ul	99
59) Diethylphthalate	15.433	149	153132	20.604	ng/ul	96
61) Fluorene	15.674	166	145493	21.822	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.662	204	76112	21.575	ng/ul	97
63) 4-Nitroaniline	15.698	138	22486	15.568	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.774	198	21527	18.547	ng/ul#	97
67) N-Nitrosodiphenylamine	15.874	169	123768	23.618	ng/ul	99
68) 4-Bromophenyl-phenylether	16.555	248	52868	24.011	ng/ul	94
69) Hexachlorobenzene	16.691	284	58891	23.162	ng/ul#	92
70) Atrazine	16.826	200	51668	22.194	ng/ul	99
71) Pentachlorophenol	17.043	266	19369	17.990	ng/ul	95
72) Phenanthrene	17.419	178	230463	23.226	ng/ul	98
74) Anthracene	17.513	178	236777	23.547	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.424	216	67870	25.415	ng/ul	89
76) Pentachlorobenzene	14.946	250	69219	24.462	ng/ul	95
77) Carbazole	17.783	167	200958	22.459	ng/ul	97
78) Di-n-butylphthalate	18.329	149	253845	22.182	ng/ul	98
80) Fluoranthene	19.434	202	291105	23.382	ng/ul#	97
82) Pyrene	19.798	202	280128	22.706	ng/ul	100
83) Butylbenzylphthalate	20.673	149	108991	22.387	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.543	252	86314	19.503	ng/ul#	94
85) Benzo(a)anthracene	21.637	228	255980	22.004	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.519	149	152299	22.778	ng/ul#	97
87) Chrysene	21.701	228	248263	22.575	ng/ul	96
89) Di-n-octyl phthalate	22.724	149	252087	22.161	ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	268309m	21.875	ng/ul	
91) Benzo(k)fluoranthene	23.922	252	258601	22.180	ng/ul	99
93) Benzo(a)pyrene	24.733	252	235499	22.108	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.586	276	304545	21.673	ng/ul	96
95) Dibenzo(a,h)anthracene	28.627	278	251263	21.360	ng/ul	99
96) Benzo(g,h,i)perylene	29.732	276	242852	20.557	ng/ul	94

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

