

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049809.D
 Acq On : 12 Aug 2021 5:20
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020490

Manual Integrations
 APPROVED

mohammad
 8/12/2021 1:35:19 PM

Quant Time: Aug 12 06:52:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	31769	20.000	ng/u1	0.00
20) Naphthalene-d8	10.860	136	141646	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.690	164	98454	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	191871	20.000	ng/u1	0.00
79) Chrysene-d12	21.727	240	159366	20.000	ng/u1	0.00
88) Perylene-d12	25.005	264	167998	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	4379m	6.444	ng/uL	0.00
4) Pyridine-d5	3.840	84	37854	18.565	ng/u1	0.00
7) Phenol-d5	7.200	99	62248	21.590	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	34313	20.719	ng/u1	0.00
11) 2-Chlorophenol-d4	7.564	132	46883	22.719	ng/u1	0.00
15) 4-Methylphenol-d8	8.751	113	51338	23.353	ng/u1	0.00
21) Nitrobenzene-d5	9.203	128	25401	22.765	ng/u1	0.00
24) 2-Nitrophenol-d4	9.937	143	28704	22.526	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	55616	23.147	ng/u1	0.00
31) 4-Chloroaniline-d4	10.995	131	69683	21.185	ng/u1	0.00
46) Dimethylphthalate-d6	14.090	166	166308	21.525	ng/u1	0.00
49) Acenaphthylene-d8	14.384	160	193446	21.045	ng/u1	0.00
54) 4-Nitrophenol-d4	14.901	143	23235	18.600	ng/u1	0.00
60) Fluorene-d10	15.682	176	136605	20.569	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	22160	17.160	ng/u1	0.00
73) Anthracene-d10	17.545	188	196403	21.685	ng/u1	0.00
81) Pyrene-d10	19.830	212	194952	22.202	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.782	264	201717	21.913	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	5161m	6.267	ng/uL	
5) Pyridine	3.857	79	42350m	18.733	ng/u1	
6) Benzaldehyde	7.170	77	29640m	19.289	ng/u1	
8) Phenol	7.223	94	62489	21.876	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.446	93	42357	21.374	ng/u1	95
12) 2-Chlorophenol	7.599	128	45481	22.039	ng/u1	97
13) 2-Methylphenol	8.480	108	49734	22.236	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.557	45	48465	21.398	ng/u1	98
16) Acetophenone	8.862	105	82304	22.558	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.845	70	43149	21.998	ng/u1	97
18) 4-Methylphenol	8.815	108	53121	22.734	ng/u1	89
19) Hexachloroethane	9.121	117	21258	23.228	ng/u1	89
22) Nitrobenzene	9.250	77	71891	21.727	ng/u1	97
23) Isophorone	9.773	82	123443	22.062	ng/u1	96
25) 2-Nitrophenol	9.967	139	30381	23.277	ng/u1#	94
26) 2,4-Dimethylphenol	10.025	107	67599	22.443	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.254	93	62963	22.211	ng/u1	94
29) 2,4-Dichlorophenol	10.507	162	52589	23.140	ng/u1#	92
30) Naphthalene	10.912	128	167249	22.610	ng/u1	99
32) 4-Chloroaniline	11.018	127	67221	21.357	ng/u1	89
33) Hexachlorobutadiene	11.188	225	41016	21.972	ng/u1	97
34) Caprolactam	11.782	113	15943m	21.943	ng/u1	
35) 4-Chloro-3-methylphenol	12.152	107	60177	22.849	ng/u1	95
36) 2-Methylnaphthalene	12.516	142	124685	22.014	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.733	142	115881	21.025	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.886	216	69278	22.657	ng/ul	97
40) Hexachlorocyclopentadiene	12.857	237	20555	11.397	ng/ul	98
41) 2,4,6-Trichlorophenol	13.127	196	44870	22.931	ng/ul#	90
42) 2,4,5-Trichlorophenol	13.203	196	47523	22.635	ng/ul	87
43) 1,1'-Biphenyl	13.521	154	160261	21.851	ng/ul	98
44) 2-Chloronaphthalene	13.568	162	129250	22.512	ng/ul	98
45) 2-Nitroaniline	13.773	65	43461	21.502	ng/ul	95
47) Dimethylphthalate	14.132	163	165970	21.642	ng/ul#	99
48) 2,6-Dinitrotoluene	14.261	165	34058	21.745	ng/ul	96
50) Acenaphthylene	14.414	152	191037	22.027	ng/ul	99
51) 3-Nitroaniline	14.596	138	31457	22.559	ng/ul	96
52) Acenaphthene	14.754	153	137692	22.228	ng/ul	93
53) 2,4-Dinitrophenol	14.819	184	12206m	14.145	ng/ul	
55) 4-Nitrophenol	14.919	109	32005	19.591	ng/ul	93
56) Dibenzofuran	15.089	168	185674	21.606	ng/ul	96
57) 2,4-Dinitrotoluene	15.054	165	48588	21.506	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.318	232	38554	22.284	ng/ul#	94
59) Diethylphthalate	15.500	149	160489	20.756	ng/ul#	92
61) Fluorene	15.741	166	153228	21.926	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.729	204	83717	22.004	ng/ul	95
63) 4-Nitroaniline	15.759	138	33949	26.040	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.829	198	21418	17.699	ng/ul#	99
67) N-Nitrosodiphenylamine	15.941	169	126258	23.875	ng/ul	98
68) 4-Bromophenyl-phenylether	16.622	248	53426	23.938	ng/ul	93
69) Hexachlorobenzene	16.752	284	60888	24.099	ng/ul	95
70) Atrazine	16.893	200	53764	23.112	ng/ul	97
71) Pentachlorophenol	17.098	266	24296	20.079	ng/ul	97
72) Phenanthrene	17.486	178	231226	22.769	ng/ul	99
74) Anthracene	17.580	178	227485	22.393	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.491	216	70404	24.981	ng/ul	98
76) Pentachlorobenzene	15.013	250	71223	23.963	ng/ul	93
77) Carbazole	17.850	167	191482	21.093	ng/ul	97
78) Di-n-butylphthalate	18.390	149	243726	21.959	ng/ul	99
80) Fluoranthene	19.495	202	254082	23.447	ng/ul	98
82) Pyrene	19.859	202	250612	23.187	ng/ul	99
83) Butylbenzylphthalate	20.728	149	95504	23.186	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.616	252	57395	15.212	ng/ul	98
85) Benzo(a)anthracene	21.704	228	231883	22.161	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.592	149	131647	21.819	ng/ul	99
87) Chrysene	21.774	228	219971	22.510	ng/ul	98
89) Di-n-octyl phthalate	22.820	149	226857	21.649	ng/ul	100
90) Benzo(b)fluoranthene	23.959	252	240888	21.938	ng/ul	99
91) Benzo(k)fluoranthene	24.030	252	234276	21.488	ng/ul	98
93) Benzo(a)pyrene	24.858	252	222871	23.056	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.765	276	284841m	22.454	ng/ul	
95) Dibenzo(a,h)anthracene	28.829	278	240140	22.692	ng/ul	98
96) Benzo(g,h,i)perylene	29.940	276	232941	22.082	ng/ul	95

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

