

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG059009.D
 Acq On : 12 Sep 2023 9:54
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020555

Quant Time: Sep 12 18:44:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 00:07:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	119629	20.000	ng/u1	0.00
20) Naphthalene-d8	11.167	136	547222	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.951	164	408058	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.701	188	1068098	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.025	240	863391	20.000	ng/u1	0.00
88) Perylene-d12	25.591	264	1003420	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	19809	7.038	ng/uL	0.00
4) Pyridine-d5	4.070	84	159003	17.844	ng/u1	0.00
7) Phenol-d5	7.436	99	212948	17.652	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.642	67	117465	16.606	ng/u1	0.00
11) 2-Chlorophenol-d4	7.842	132	146333	18.913	ng/u1	0.00
15) 4-Methylphenol-d8	9.005	113	169378	18.174	ng/u1	0.00
21) Nitrobenzene-d5	9.522	128	71889	18.111	ng/u1	0.00
24) 2-Nitrophenol-d4	10.239	143	85751	19.688	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.762	165	172168	18.600	ng/u1	0.00
31) 4-Chloroaniline-d4	11.308	131	241845	19.428	ng/u1	0.00
46) Dimethylphthalate-d6	14.346	166	577319	18.239	ng/u1	0.00
49) Acenaphthylene-d8	14.651	160	659700	18.716	ng/u1	0.00
54) 4-Nitrophenol-d4	15.121	143	111045	21.120	ng/u1	0.00
60) Fluorene-d10	15.938	176	543438	19.346	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.044	200	97234	18.546	ng/u1	0.00
73) Anthracene-d10	17.801	188	888909	18.747	ng/u1	0.00
81) Pyrene-d10	20.069	212	878740	19.213	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.345	264	889142	18.076	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.682	88	23576	6.501	ng/uL#	82
5) Pyridine	4.093	79	158956	16.707	ng/u1	95
6) Benzaldehyde	7.472	77	141118	19.129	ng/u1	89
8) Phenol	7.460	94	226961	17.692	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.742	93	162159	17.295	ng/u1	91
12) 2-Chlorophenol	7.871	128	143398	17.931	ng/u1	99
13) 2-Methylphenol	8.741	108	174812	18.098	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.829	45	202262	17.965	ng/u1	98
16) Acetophenone	9.164	105	269856	17.464	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.128	70	146836	16.952	ng/u1	92
18) 4-Methylphenol	9.076	108	190238	18.033	ng/u1	86
19) Hexachloroethane	9.410	117	64093	19.122	ng/u1	85
22) Nitrobenzene	9.569	77	217101	18.270	ng/u1#	93
23) Isophorone	10.074	82	441268	17.482	ng/u1#	94
25) 2-Nitrophenol	10.274	139	90569	20.394	ng/u1	95
26) 2,4-Dimethylphenol	10.292	107	205400	18.662	ng/u1	88
27) Bis(2-Chloroethoxy)met...	10.556	93	235470	17.405	ng/u1	97
29) 2,4-Dichlorophenol	10.791	162	160592	18.314	ng/u1	97
30) Naphthalene	11.220	128	532207	18.450	ng/u1	98
32) 4-Chloroaniline	11.338	127	232487	19.453	ng/u1	95
33) Hexachlorobutadiene	11.449	225	124854	18.197	ng/u1	90
34) Caprolactam	12.107	113	62028	19.931	ng/u1	96
35) 4-Chloro-3-methylphenol	12.401	107	203412	18.880	ng/u1	90
36) 2-Methylnaphthalene	12.801	142	390709	18.152	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.018	142	396214	18.662	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.141	216	245056	18.398	ng/ul#	94
40) Hexachlorocyclopentadiene	13.094	237	147151	15.014	ng/ul	92
41) 2,4,6-Trichlorophenol	13.382	196	156206	18.472	ng/ul	94
42) 2,4,5-Trichlorophenol	13.382	196	144969	15.836	ng/ul	98
43) 1,1'-Biphenyl	13.788	154	552594	18.116	ng/ul	97
44) 2-Chloronaphthalene	13.841	162	418915	17.982	ng/ul	98
45) 2-Nitroaniline	14.052	65	142054	19.882	ng/ul	89
47) Dimethylphthalate	14.393	163	564026	18.846	ng/ul	100
48) 2,6-Dinitrotoluene	14.534	165	113165	19.878	ng/ul	96
50) Acenaphthylene	14.681	152	732407	19.059	ng/ul	97
51) 3-Nitroaniline	14.869	138	114513	20.960	ng/ul#	89
52) Acenaphthene	15.016	153	487215	18.894	ng/ul	99
53) 2,4-Dinitrophenol	15.063	184	59757	16.285	ng/ul	95
55) 4-Nitrophenol	15.133	109	122776	19.792	ng/ul	95
56) Dibenzofuran	15.345	168	704125	18.851	ng/ul	99
57) 2,4-Dinitrotoluene	15.309	165	168436	21.442	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.550	232	173517	19.843	ng/ul#	94
59) Diethylphthalate	15.738	149	570433	19.333	ng/ul	95
61) Fluorene	15.997	166	602103	19.613	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.979	204	308102	18.967	ng/ul	97
63) 4-Nitroaniline	16.032	138	120607	23.293	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	16.056	198	110339	19.283	ng/ul#	96
67) N-Nitrosodiphenylamine	16.197	169	499656	17.747	ng/ul	95
68) 4-Bromophenyl-phenylether	16.878	248	209541	17.883	ng/ul	96
69) Hexachlorobenzene	16.966	284	225916	16.795	ng/ul	93
70) Atrazine	17.131	200	220144	19.981	ng/ul	99
71) Pentachlorophenol	17.319	266	154489	18.632	ng/ul	92
72) Phenanthrene	17.742	178	985158	18.173	ng/ul	99
74) Anthracene	17.836	178	1013183	18.389	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.747	216	253292	16.434	ng/ul	96
76) Pentachlorobenzene	15.239	250	259875	17.448	ng/ul	97
77) Carbazole	18.106	167	859547	18.630	ng/ul	98
78) Di-n-butylphthalate	18.617	149	971767	19.000	ng/ul	98
80) Fluoranthene	19.734	202	1066790	20.086	ng/ul#	96
82) Pyrene	20.098	202	1063735	19.265	ng/ul	99
83) Butylbenzylphthalate	20.962	149	360389	20.655	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.913	252	391397	20.433	ng/ul#	89
85) Benzo(a)anthracene	22.002	228	1041419	17.986	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.843	149	527319	20.180	ng/ul	99
87) Chrysene	22.078	228	990060	18.393	ng/ul	100
89) Di-n-octyl phthalate	23.177	149	906721	19.644	ng/ul	100
90) Benzo(b)fluoranthene	24.434	252	1072127	17.936	ng/ul	97
91) Benzo(k)fluoranthene	24.510	252	1055274	17.276	ng/ul#	96
93) Benzo(a)pyrene	25.421	252	1014352	18.188	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.716	276	1048124	14.874	ng/ul	98
95) Dibenzo(a,h)anthracene	29.804	278	1060850	18.168	ng/ul	96
96) Benzo(g,h,i)perylene	31.015	276	413602	7.415	ng/ul	97

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

