

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
 Data File : BG059437.D
 Acq On : 12 Oct 2023 15:44
 Operator : MA/JU
 Sample : SSTD16048
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD160411

Quant Time: Oct 12 16:47:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 14:55:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	37701	20.000	ng/ul	0.00
20) Naphthalene-d8	11.066	136	187009	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.862	164	117869	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.612	188	257749	20.000	ng/ul	0.00
79) Chrysene-d12	21.918	240	230680	20.000	ng/ul	0.00
88) Perylene-d12	25.397	264	268594	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.516	96	72182	73.672	ng/uL	0.00
4) Pyridine-d5	3.951	84	518270	197.485	ng/ul	0.00
7) Phenol-d5	7.359	99	707990	203.945	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.547	67	372489	185.510	ng/ul	0.00
11) 2-Chlorophenol-d4	7.741	132	528674	214.653	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	532044	193.943	ng/ul	0.02
21) Nitrobenzene-d5	9.433	128	268671	199.926	ng/ul	0.02
24) 2-Nitrophenol-d4	10.144	143	289940	209.833	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	538269	208.528	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	786716	189.915	ng/ul	0.01
46) Dimethylphthalate-d6	14.263	166	1520427	184.408	ng/ul	0.01
49) Acenaphthylene-d8	14.568	160	1851075	188.666	ng/ul	0.01
54) 4-Nitrophenol-d4	15.074	143	300490	204.671	ng/ul	0.03
60) Fluorene-d10	15.855	176	1376524	177.050	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.984	200	287409	210.600	ng/ul	0.03
73) Anthracene-d10	17.717	188	2059969	187.073	ng/ul	0.01
81) Pyrene-d10	19.991	212	2231337	190.768	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.173	264	2318158	193.336	ng/ul	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.552	88	73264	68.944	ng/uL	85
5) Pyridine	3.969	79	521824	195.826	ng/ul	97
6) Benzaldehyde	7.365	77	179184	116.994	ng/ul	91
8) Phenol	7.388	94	692657	198.405	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.647	93	514143	192.103	ng/ul	97
12) 2-Chlorophenol	7.776	128	533314	207.912	ng/ul	98
13) 2-Methylphenol	8.658	108	521489	200.024	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.734	45	1053125	183.596	ng/ul#	97
16) Acetophenone	9.075	105	778355	188.963	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.057	70	363560	180.641	ng/ul#	98
18) 4-Methylphenol	9.004	108	560538	196.731	ng/ul	100
19) Hexachloroethane	9.304	117	187887	199.867	ng/ul#	87
22) Nitrobenzene	9.474	77	561553	189.274	ng/ul	95
23) Isophorone	9.991	82	1143352	181.289	ng/ul	97
25) 2-Nitrophenol	10.179	139	291370	201.036	ng/ul	94
26) 2,4-Dimethylphenol	10.209	107	555398	186.149	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.461	93	700568	180.062	ng/ul	99
29) 2,4-Dichlorophenol	10.702	162	516136	196.607	ng/ul	98
30) Naphthalene	11.119	128	1710640	184.286	ng/ul	98
32) 4-Chloroaniline	11.243	127	746682	192.525	ng/ul	95
33) Hexachlorobutadiene	11.343	225	312788	192.279	ng/ul	97
34) Caprolactam	12.071	113	78901	83.437	ng/ul	81
35) 4-Chloro-3-methylphenol	12.336	107	505998	184.358	ng/ul	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.706	142	1144394	185.990	ng/ul	99
37) 1-Methylnaphthalene	12.923	142	1152134	183.059	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	13.052	216	601153	197.213	ng/ul	97
40) Hexachlorocyclopentadiene	12.999	237	401924	224.708	ng/ul	93
41) 2,4,6-Trichlorophenol	13.293	196	410005	204.184	ng/ul	96
42) 2,4,5-Trichlorophenol	13.370	196	430967	197.432	ng/ul	94
43) 1,1'-Biphenyl	13.699	154	1576716	186.647	ng/ul	99
44) 2-Chloronaphthalene	13.752	162	1233885	193.278	ng/ul	93
45) 2-Nitroaniline	13.981	65	379592	193.939	ng/ul	95
47) Dimethylphthalate	14.310	163	1512721	181.564	ng/ul	98
48) 2,6-Dinitrotoluene	14.462	165	320738	201.371	ng/ul	96
50) Acenaphthylene	14.598	152	1931895	183.295	ng/ul	96
51) 3-Nitroaniline	14.803	138	295302	176.795	ng/ul	92
52) Acenaphthene	14.927	153	1296962	180.992	ng/ul	95
53) 2,4-Dinitrophenol	14.997	184	207377	180.476	ng/ul#	87
55) 4-Nitrophenol	15.097	109	213856	213.851	ng/ul	89
56) Dibenzofuran	15.262	168	1717141	174.171	ng/ul	91
57) 2,4-Dinitrotoluene	15.244	165	448420	192.368	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.473	232	388277	193.466	ng/ul	94
59) Diethylphthalate	15.661	149	1420449	173.331	ng/ul	95
61) Fluorene	15.914	166	1437208	172.017	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.890	204	706733	172.776	ng/ul	98
63) 4-Nitroaniline	15.984	138	269965	172.898	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.996	198	302966	208.520	ng/ul#	98
67) N-Nitrosodiphenylamine	16.113	169	1187507	189.433	ng/ul	97
68) 4-Bromophenyl-phenylether	16.783	248	443911	186.941	ng/ul#	89
69) Hexachlorobenzene	16.883	284	479935	176.484	ng/ul	95
70) Atrazine	17.054	200	461106	185.472	ng/ul	95
71) Pentachlorophenol	17.236	266	334285	222.543	ng/ul	97
72) Phenanthrene	17.659	178	2407583	181.192	ng/ul	97
74) Anthracene	17.753	178	2438952	180.997	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.658	216	607514	206.423	ng/uL	99
76) Pentachlorobenzene	15.156	250	563896	187.272	ng/uL	99
77) Carbazole	18.029	167	2155411	191.405	ng/ul	99
78) Di-n-butylphthalate	18.528	149	2410949	181.884	ng/ul	99
80) Fluoranthene	19.651	202	2699754	185.996	ng/ul	97
82) Pyrene	20.021	202	2737325	178.980	ng/ul	98
83) Butylbenzylphthalate	20.867	149	1051715	194.445	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.813	252	837493	167.399	ng/ul	99
85) Benzo(a)anthracene	21.895	228	2751579	181.736	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.719	149	1531459	190.966	ng/ul	100
87) Chrysene	21.971	228	2518054	178.342	ng/ul	99
89) Di-n-octyl phthalate	23.011	149	2638956	192.794	ng/ul	100
90) Benzo(b)fluoranthene	24.280	252	2844329	189.156	ng/ul	98
91) Benzo(k)fluoranthene	24.363	252	2838650	184.424	ng/ul	98
93) Benzo(a)pyrene	25.262	252	2693634	188.782	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.463	276	3228122	196.730	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.545	278	2591740	196.508	ng/ul	97
96) Benzo(g,h,i)perylene	30.767	276	2587430	197.101	ng/ul#	91

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

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