

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010625\
 Data File : BG063935.D
 Acq On : 6 Jan 2025 11:57
 Operator : RC/JU
 Sample : SSTD02096
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020440

Quant Time: Jan 06 12:36:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010625.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 06 12:32:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	85557	20.000	ng/u1	0.00
20) Naphthalene-d8	10.580	136	336049	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	230899	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.195	188	538814	20.000	ng/u1	0.00
79) Chrysene-d12	21.449	240	640601	20.000	ng/u1	0.00
88) Perylene-d12	24.475	264	700381	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	21588	9.763	ng/uL	0.00
4) Pyridine-d5	3.664	84	159075	22.745	ng/u1	0.00
7) Phenol-d5	6.978	99	151800	19.768	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.125	67	108863	20.427	ng/u1	0.00
11) 2-Chlorophenol-d4	7.331	132	103347	20.684	ng/u1	0.00
15) 4-Methylphenol-d8	8.517	113	110564	18.756	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	54020	22.268	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	55352	20.679	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.215	165	111478	21.560	ng/u1	0.00
31) 4-Chloroaniline-d4	10.721	131	137967	20.988	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	344442	21.914	ng/u1	0.00
49) Acenaphthylene-d8	14.129	160	406874	22.611	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	41414m	18.908	ng/u1	0.00
60) Fluorene-d10	15.439	176	309359	22.253	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	50619	18.283	ng/u1	0.00
73) Anthracene-d10	17.295	188	539969	22.964	ng/u1	0.00
81) Pyrene-d10	19.599	212	673736	20.638	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.270	264	736862	22.363	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.288	88	24755	9.472	ng/uL	100
5) Pyridine	3.682	79	167102	22.294	ng/u1	100
6) Benzaldehyde	6.931	77	116766	24.512	ng/u1	100
8) Phenol	7.007	94	161353	19.701	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.219	93	132325	20.916	ng/u1	100
12) 2-Chlorophenol	7.360	128	104300	20.723	ng/u1	100
13) 2-Methylphenol	8.247	108	116098	19.713	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.312	45	195684	20.914	ng/u1	100
16) Acetophenone	8.611	105	204032	20.260	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.594	70	112883	19.006	ng/u1	100
18) 4-Methylphenol	8.576	108	122491	19.171	ng/u1	100
19) Hexachloroethane	8.864	117	48163	19.398	ng/u1	100
22) Nitrobenzene	8.987	77	172321	21.601	ng/u1	100
23) Isophorone	9.510	82	316033	21.105	ng/u1	100
25) 2-Nitrophenol	9.704	139	58758	21.483	ng/u1	100
26) 2,4-Dimethylphenol	9.769	107	126939	20.524	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.992	93	176094	21.570	ng/u1	100
29) 2,4-Dichlorophenol	10.245	162	110748	21.581	ng/u1	100
30) Naphthalene	10.633	128	360913	21.614	ng/u1	100
32) 4-Chloroaniline	10.750	127	132769	21.424	ng/u1	100
33) Hexachlorobutadiene	10.915	225	89909	21.448	ng/u1	100
34) Caprolactam	11.496	113	37224m	21.139	ng/u1	100
35) 4-Chloro-3-methylphenol	11.890	107	118448	19.832	ng/u1	100
36) 2-Methylnaphthalene	12.248	142	251749	21.045	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.466	142	253754	20.869	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.624	216	161356	21.796	ng/ul	100
40) Hexachlorocyclopentadiene	12.601	237	32761	12.047	ng/ul	100
41) 2,4,6-Trichlorophenol	12.871	196	87002	21.006	ng/ul	100
42) 2,4,5-Trichlorophenol	12.953	196	94920	21.624	ng/ul	100
43) 1,1'-Biphenyl	13.265	154	345873	22.548	ng/ul	100
44) 2-Chloronaphthalene	13.306	162	278813	22.627	ng/ul	100
45) 2-Nitroaniline	13.517	65	87738	21.319	ng/ul	100
47) Dimethylphthalate	13.893	163	341536	21.768	ng/ul	100
48) 2,6-Dinitrotoluene	14.017	165	64611	22.049	ng/ul	100
50) Acenaphthylene	14.158	152	427088	22.288	ng/ul	100
51) 3-Nitroaniline	14.352	138	60384	22.114	ng/ul	100
52) Acenaphthene	14.505	153	304717	22.292	ng/ul	100
53) 2,4-Dinitrophenol	14.581	184	18087	12.610	ng/ul	100
55) 4-Nitrophenol	14.693	109	36949	16.551	ng/ul	100
56) Dibenzofuran	14.839	168	435268	22.578	ng/ul	100
57) 2,4-Dinitrotoluene	14.816	165	96900	22.199	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.080	232	75559	20.335	ng/ul	100
59) Diethylphthalate	15.262	149	327134	21.639	ng/ul	100
61) Fluorene	15.492	166	343740	22.376	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	186777	21.906	ng/ul	100
63) 4-Nitroaniline	15.515	138	63859	23.393	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.592	198	52428	18.487	ng/ul	100
67) N-Nitrosodiphenylamine	15.703	169	289109	22.127	ng/ul	100
68) 4-Bromophenyl-phenylether	16.379	248	118743	21.776	ng/ul	100
69) Hexachlorobenzene	16.508	284	137727	22.261	ng/ul	100
70) Atrazine	16.655	200	129983	23.199	ng/ul	100
71) Pentachlorophenol	16.861	266	37744m	15.117	ng/ul	
72) Phenanthrene	17.237	178	606061	23.060	ng/ul	100
74) Anthracene	17.325	178	618703	23.330	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.235	216	164583	22.686	ng/ul	100
76) Pentachlorobenzene	14.763	250	168835	23.264	ng/ul	100
77) Carbazole	17.601	167	522193	24.277	ng/ul	100
78) Di-n-butylphthalate	18.159	149	572779	22.335	ng/ul	100
80) Fluoranthene	19.258	202	759975	20.536	ng/ul	100
82) Pyrene	19.622	202	834304	21.190	ng/ul	100
83) Butylbenzylphthalate	20.521	149	215173	18.128	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.355	252	235775	20.818	ng/ul	100
85) Benzo(a)anthracene	21.432	228	866336	21.797	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.344	149	346230	19.776	ng/ul	100
87) Chrysene	21.496	228	838446	22.067	ng/ul	100
89) Di-n-octyl phthalate	22.483	149	622725	21.069	ng/ul	100
90) Benzo(b)fluoranthene	23.523	252	883787	22.223	ng/ul	100
91) Benzo(k)fluoranthene	23.582	252	886339	22.366	ng/ul	100
93) Benzo(a)pyrene	24.334	252	845550	22.586	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.883	276	1008131	22.073	ng/ul	100
95) Dibenzo(a,h)anthracene	27.936	278	804695	22.114	ng/ul	100
96) Benzo(g,h,i)perylene	28.946	276	791720	21.868	ng/ul	100

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

