

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010625\
 Data File : BG063941.D
 Acq On : 6 Jan 2025 16:45
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV446

Quant Time: Jan 06 17:23:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010625.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 06 16:42:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	91816	20.000	ng/u1	0.00
20) Naphthalene-d8	10.585	136	361860	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	256313	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.195	188	599423	20.000	ng/u1	0.00
79) Chrysene-d12	21.455	240	676709	20.000	ng/u1	0.00
88) Perylene-d12	24.475	264	706375	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	19932	7.359	ng/uL	0.00
4) Pyridine-d5	3.664	84	161891	19.619	ng/u1	0.00
7) Phenol-d5	6.977	99	164725	20.205	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.124	67	132379	22.954	ng/u1	0.00
11) 2-Chlorophenol-d4	7.330	132	107795	20.134	ng/u1	0.00
15) 4-Methylphenol-d8	8.511	113	127530	20.867	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	57611	20.974	ng/u1	0.00
24) 2-Nitrophenol-d4	9.668	143	61935	21.023	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	122319	20.699	ng/u1	0.00
31) 4-Chloroaniline-d4	10.720	131	151365	20.257	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	379883	20.693	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	450986	20.728	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	43956	17.716	ng/u1	0.00
60) Fluorene-d10	15.438	176	337578	20.604	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	55594	17.707	ng/u1	0.00
73) Anthracene-d10	17.295	188	586964	20.214	ng/u1	0.00
81) Pyrene-d10	19.598	212	726288	20.874	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.275	264	752168	21.011	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.294	88	21793	7.061	ng/uL	92
5) Pyridine	3.687	79	147169	17.100	ng/u1	94
6) Benzaldehyde	6.936	77	105776	21.442	ng/u1	95
8) Phenol	7.007	94	170410	19.633	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.218	93	134474	19.314	ng/u1	94
12) 2-Chlorophenol	7.365	128	105409	19.086	ng/u1	92
13) 2-Methylphenol	8.247	108	120075	19.695	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.317	45	191714	19.121	ng/u1	99
16) Acetophenone	8.611	105	218852	20.709	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.593	70	118756	19.550	ng/u1	95
18) 4-Methylphenol	8.576	108	126192	19.023	ng/u1	96
19) Hexachloroethane	8.863	117	50380	19.436	ng/u1	94
22) Nitrobenzene	8.993	77	177381	18.984	ng/u1	99
23) Isophorone	9.510	82	322155	19.196	ng/u1	99
25) 2-Nitrophenol	9.704	139	60397	20.340	ng/u1	95
26) 2,4-Dimethylphenol	9.768	107	114413	17.090	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.992	93	185212	19.512	ng/u1	94
29) 2,4-Dichlorophenol	10.244	162	111705	19.190	ng/u1	97
30) Naphthalene	10.632	128	377450	19.849	ng/u1	98
32) 4-Chloroaniline	10.749	127	143105	20.169	ng/u1	98
33) Hexachlorobutadiene	10.914	225	92795	19.306	ng/u1	98
34) Caprolactam	11.496	113	38316m	18.554	ng/u1	
35) 4-Chloro-3-methylphenol	11.889	107	120985	19.755	ng/u1#	96
36) 2-Methylnaphthalene	12.248	142	269182	20.146	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.471	142	249978	18.852	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.624	216	176448	19.677	ng/ul	98
40) Hexachlorocyclopentadiene	12.600	237	67859	20.092	ng/ul	94
41) 2,4,6-Trichlorophenol	12.871	196	91641	19.187	ng/ul	92
42) 2,4,5-Trichlorophenol	12.953	196	96131	19.780	ng/ul	94
43) 1,1'-Biphenyl	13.264	154	370142	20.067	ng/ul	98
44) 2-Chloronaphthalene	13.311	162	278940	18.712	ng/ul	99
45) 2-Nitroaniline	13.517	65	91759	19.720	ng/ul	97
47) Dimethylphthalate	13.893	163	355628	19.269	ng/ul	98
48) 2,6-Dinitrotoluene	14.016	165	74904	21.302	ng/ul	95
50) Acenaphthylene	14.163	152	458219	20.041	ng/ul	96
51) 3-Nitroaniline	14.351	138	69470	21.968	ng/ul	83
52) Acenaphthene	14.504	153	312904	19.398	ng/ul	99
53) 2,4-Dinitrophenol	14.580	184	38755	21.982	ng/ul	96
55) 4-Nitrophenol	14.686	109	39059	17.339	ng/ul	91
56) Dibenzofuran	14.839	168	456389	19.534	ng/ul	93
57) 2,4-Dinitrotoluene	14.815	165	102080	19.439	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.080	232	79662	19.846	ng/ul#	94
59) Diethylphthalate	15.262	149	346038	19.606	ng/ul	99
61) Fluorene	15.491	166	353841	19.527	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.485	204	192745	19.443	ng/ul	96
63) 4-Nitroaniline	15.520	138	72392	23.378	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.591	198	57117	17.670	ng/ul#	99
67) N-Nitrosodiphenylamine	15.703	169	304172	19.364	ng/ul	97
68) 4-Bromophenyl-phenylether	16.378	248	126146	19.025	ng/ul	96
69) Hexachlorobenzene	16.507	284	140598	18.830	ng/ul	98
70) Atrazine	16.654	200	131341	18.505	ng/ul	99
71) Pentachlorophenol	16.860	266	41486	16.152	ng/ul	92
72) Phenanthrene	17.236	178	613833	18.576	ng/ul	98
74) Anthracene	17.330	178	629291	18.858	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.235	216	166084	18.245	ng/ul	98
76) Pentachlorobenzene	14.762	250	164320	17.779	ng/ul	98
77) Carbazole	17.600	167	551958	19.834	ng/ul	97
78) Di-n-butylphthalate	18.164	149	608383	19.492	ng/ul	100
80) Fluoranthene	19.263	202	784585	19.815	ng/ul	99
82) Pyrene	19.627	202	845542	19.747	ng/ul	97
83) Butylbenzylphthalate	20.520	149	240070	20.833	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.355	252	262511	22.807	ng/ul	100
85) Benzo(a)anthracene	21.431	228	849535	19.258	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.349	149	388108	21.172	ng/ul	100
87) Chrysene	21.496	228	824512	19.358	ng/ul	98
89) Di-n-octyl phthalate	22.483	149	666346	20.013	ng/ul	100
90) Benzo(b)fluoranthene	23.523	252	834456	19.520	ng/ul	99
91) Benzo(k)fluoranthene	23.581	252	856802	19.203	ng/ul	98
93) Benzo(a)pyrene	24.334	252	820044	20.102	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.894	276	986636	20.058	ng/ul	96
95) Dibenzo(a,h)anthracene	27.929	278	785772	20.095	ng/ul	98
96) Benzo(g,h,i)perylene	28.952	276	741301	19.098	ng/ul	98

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

