

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091225\
 Data File : BG064354.D
 Acq On : 12 Sep 2025 11:15
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020596

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/15/2025
 Supervised By :Jagrut Upadhyay 09/15/2025

Quant Time: Sep 12 13:09:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 12 11:06:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.848	152	19851	20.000	ng/u1	# 0.00
20) Naphthalene-d8	10.627	136	86488	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.470	164	65513	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.208	188	166908m	20.000	ng/u1	0.00
79) Chrysene-d12	21.438	240	176071	20.000	ng/u1	0.00
88) Perylene-d12	24.435	264	200213	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	3099	8.201	ng/uL	0.00
4) Pyridine-d5	3.718	84	23320	21.152	ng/u1	0.00
7) Phenol-d5	7.014	99	30379	18.722	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.172	67	16793	19.833	ng/u1	0.00
11) 2-Chlorophenol-d4	7.378	132	26380	20.328	ng/u1	0.00
15) 4-Methylphenol-d8	8.547	113	27278	18.477	ng/u1	0.00
21) Nitrobenzene-d5	8.988	128	12852	18.938	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.717	143	16584	20.034	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	31534	20.486	ng/u1	0.00
31) 4-Chloroaniline-d4	10.762	131	40633	19.527	ng/u1	0.00
46) Dimethylphthalate-d6	13.876	166	121567	20.821	ng/u1	0.00
49) Acenaphthylene-d8	14.158	160	114721	20.336	ng/u1	0.00
54) 4-Nitrophenol-d4	14.670	143	19137m	20.919	ng/u1	0.00
60) Fluorene-d10	15.463	176	98329	20.757	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	22750	19.109	ng/u1	0.00
73) Anthracene-d10	17.308	188	170872	20.523	ng/u1	0.00
81) Pyrene-d10	19.593	212	200675	20.234	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.229	264	205329	19.898	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.348	88	3545	8.390	ng/uL#	57
5) Pyridine	3.735	79	23651	20.344	ng/u1	96
6) Benzaldehyde	6.984	77	20231	26.812	ng/u1	94
8) Phenol	7.037	94	30838	18.555	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.272	93	20975	18.276	ng/u1	97
12) 2-Chlorophenol	7.407	128	26604	19.720	ng/u1#	91
13) 2-Methylphenol	8.283	108	25423	18.437	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.377	45	39710	18.584	ng/u1	97
16) Acetophenone	8.659	105	44348	18.896	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.641	70	21818	19.764	ng/u1#	89
18) 4-Methylphenol	8.612	108	27074	18.256	ng/u1	93
19) Hexachloroethane	8.917	117	11402	19.170	ng/u1	89
22) Nitrobenzene	9.035	77	33927	20.127	ng/u1	98
23) Isophorone	9.558	82	64080	19.768	ng/u1	98
25) 2-Nitrophenol	9.746	139	16730	21.081	ng/u1	97
26) 2,4-Dimethylphenol	9.811	107	31393	17.840	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.040	93	32866	20.025	ng/u1#	92
29) 2,4-Dichlorophenol	10.281	162	28974	20.631	ng/u1#	90
30) Naphthalene	10.680	128	91991	19.538	ng/u1	97
32) 4-Chloroaniline	10.786	127	39456	19.237	ng/u1	97
33) Hexachlorobutadiene	10.974	225	24552	19.459	ng/u1	93
34) Caprolactam	11.561	113	11217m	19.693	ng/u1	
35) 4-Chloro-3-methylphenol	11.914	107	35452	20.403	ng/u1#	95
36) 2-Methylnaphthalene	12.290	142	73109	20.396	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091225\
 Data File : BG064354.D
 Acq On : 12 Sep 2025 11:15
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020596

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/15/2025
 Supervised By :Jagrut Upadhyay 09/15/2025

Quant Time: Sep 12 13:09:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 12 11:06:20 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.507	142	72009	20.215	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.660	216	43100	20.760	ng/ul	96
40) Hexachlorocyclopentadiene	12.648	237	25154	17.592	ng/ul	95
41) 2,4,6-Trichlorophenol	12.901	196	26212	19.709	ng/ul	93
42) 2,4,5-Trichlorophenol	12.972	196	29920	21.029	ng/ul	93
43) 1,1'-Biphenyl	13.301	154	98934	20.454	ng/ul#	98
44) 2-Chloronaphthalene	13.342	162	74714	21.051	ng/ul	95
45) 2-Nitroaniline	13.541	65	26914	21.119	ng/ul	82
47) Dimethylphthalate	13.923	163	111627	20.577	ng/ul#	94
48) 2,6-Dinitrotoluene	14.041	165	23899	23.027	ng/ul	94
50) Acenaphthylene	14.188	152	126574	20.858	ng/ul	98
51) 3-Nitroaniline	14.370	138	19444	21.962	ng/ul	89
52) Acenaphthene	14.529	153	86427	20.974	ng/ul	96
53) 2,4-Dinitrophenol	14.576	184	13393	19.160	ng/ul	90
55) 4-Nitrophenol	14.681	109	25041	20.660	ng/ul	91
56) Dibenzofuran	14.869	168	128259	21.015	ng/ul	89
57) 2,4-Dinitrotoluene	14.828	165	34835	20.818	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.093	232	30814	20.588	ng/ul#	99
59) Diethylphthalate	15.292	149	120004	20.203	ng/ul	96
61) Fluorene	15.516	166	106452	20.569	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.510	204	55774	20.438	ng/ul	91
63) 4-Nitroaniline	15.533	138	20244	22.260	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.592	198	25303	20.912	ng/ul#	98
67) N-Nitrosodiphenylamine	15.721	169	95176	20.893	ng/ul	96
68) 4-Bromophenyl-phenylether	16.403	248	38660	19.741	ng/ul	87
69) Hexachlorobenzene	16.520	284	44052	19.957	ng/ul	98
70) Atrazine	16.673	200	44854	19.968	ng/ul	93
71) Pentachlorophenol	16.861	266	27101	19.153	ng/ul	97
72) Phenanthrene	17.249	178	185803m	20.482	ng/ul	
74) Anthracene	17.343	178	191205	20.706	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.271	216	44323	19.598	ng/ul	97
76) Pentachlorobenzene	14.787	250	51606	20.858	ng/ul	94
77) Carbazole	17.607	167	164661	20.536	ng/ul	99
78) Di-n-butylphthalate	18.177	149	198288	19.920	ng/ul	99
80) Fluoranthene	19.258	202	227142	20.250	ng/ul	99
82) Pyrene	19.623	202	234000	20.254	ng/ul	98
83) Butylbenzylphthalate	20.516	149	90873	20.117	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.338	252	80657	21.813	ng/ul	91
85) Benzo(a)anthracene	21.420	228	243306	20.607	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.344	149	129411	19.969	ng/ul	97
87) Chrysene	21.479	228	228720	20.584	ng/ul	98
89) Di-n-octyl phthalate	22.478	149	227538	19.963	ng/ul	100
90) Benzo(b)fluoranthene	23.489	252	232958	19.346	ng/ul#	99
91) Benzo(k)fluoranthene	23.553	252	237597	19.831	ng/ul	97
93) Benzo(a)pyrene	24.294	252	222295	19.873	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.807	276	284241	19.655	ng/ul	98
95) Dibenzo(a,h)anthracene	27.860	278	230151	19.752	ng/ul	94
96) Benzo(g,h,i)perylene	28.865	276	228960	19.394	ng/ul#	93

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

