

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091125\
 Data File : BG064346.D
 Acq On : 11 Sep 2025 14:23
 Operator : RC/JU
 Sample : SSTD00513
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005412

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 12 10:47:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 12 10:45:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	18586	20.000	ng/u1	0.00
20) Naphthalene-d8	10.635	136	76691	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.466	164	57884	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	148077	20.000	ng/u1	0.00
79) Chrysene-d12	21.440	240	166179	20.000	ng/u1	0.00
88) Perylene-d12	24.437	264	186079	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	713m	1.656	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.380	132	5136	3.980	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.996	128	2717	4.791	ng/u1	0.00
24) 2-Nitrophenol-d4	9.719	143	3394	5.555	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.259	165	6165	5.061	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.878	166	25600	5.588	ng/u1	0.00
49) Acenaphthylene-d8	14.160	160	22794	4.610	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.459	176	19815	5.075	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.310	188	35013	4.792	ng/u1	0.00
81) Pyrene-d10	19.595	212	45443	5.013	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.231	264	44554	4.673	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.350	88	807	1.651	ng/uL#	85
12) 2-Chlorophenol	7.415	128	5468	4.143	ng/u1	90
17) N-Nitroso-di-n-propyla...	6.643	70	4241	3.695	ng/u1#	79
19) Hexachloroethane	8.925	117	2726	4.828	ng/u1	86
22) Nitrobenzene	9.037	77	6810	4.474	ng/u1#	89
23) Isophorone	9.560	82	13327	4.580	ng/u1	99
25) 2-Nitrophenol	9.748	139	2853	4.378	ng/u1	92
26) 2,4-Dimethylphenol	9.813	107	7160	5.047	ng/u1	84
27) Bis(2-Chloroethoxy)met...	10.042	93	6438	3.998	ng/u1#	95
29) 2,4-Dichlorophenol	10.283	162	5330	4.536	ng/u1#	80
30) Naphthalene	10.682	128	20181	4.951	ng/u1	98
33) Hexachlorobutadiene	10.976	225	5038	5.365	ng/u1	95
35) 4-Chloro-3-methylphenol	11.922	107	6604	4.496	ng/u1#	94
36) 2-Methylnaphthalene	12.298	142	14546	4.851	ng/u1	99
37) 1-Methylnaphthalene	12.509	142	14565	4.800	ng/u1#	96
39) 1,2,4,5-Tetrachloroben...	12.662	216	8517	4.874	ng/u1#	94
41) 2,4,6-Trichlorophenol	12.903	196	5228	4.740	ng/u1#	77
42) 2,4,5-Trichlorophenol	12.980	196	5079	4.266	ng/u1#	91
43) 1,1'-Biphenyl	13.303	154	20214	4.684	ng/u1	99
44) 2-Chloronaphthalene	13.344	162	14320	4.412	ng/u1	97
45) 2-Nitroaniline	13.549	65	4987	4.516	ng/u1	89
47) Dimethylphthalate	13.925	163	23297	5.426	ng/u1#	92
48) 2,6-Dinitrotoluene	14.043	165	3754	4.578	ng/u1#	75
50) Acenaphthylene	14.190	152	25355	4.938	ng/u1#	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.531	153	17723	4.749	ng/ul#	92
56) Dibenzofuran	14.871	168	25151	4.794	ng/ul	96
57) 2,4-Dinitrotoluene	14.830	165	6790	5.350	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.101	232	6352	5.724	ng/ul#	92
59) Diethylphthalate	15.289	149	26890	5.744	ng/ul#	91
61) Fluorene	15.518	166	22137	5.107	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.512	204	11654	5.353	ng/ul	90
67) N-Nitrosodiphenylamine	15.723	169	18554	4.407	ng/ul	91
68) 4-Bromophenyl-phenylether	16.405	248	7952	4.876	ng/ul	89
69) Hexachlorobenzene	16.522	284	8755	4.830	ng/ul	98
72) Phenanthrene	17.251	178	39175	4.841	ng/ul	97
74) Anthracene	17.345	178	39906	4.827	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.267	216	9699	4.785	ng/ul	89
76) Pentachlorobenzene	14.789	250	10194	4.781	ng/ul	91
78) Di-n-butylphthalate	18.179	149	42211	4.645	ng/ul	98
80) Fluoranthene	19.260	202	50686	4.766	ng/ul#	95
82) Pyrene	19.625	202	52723	4.711	ng/ul	97
83) Butylbenzylphthalate	20.518	149	19938	4.490	ng/ul#	93
85) Benzo(a)anthracene	21.423	228	52395	4.646	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.346	149	29637	4.484	ng/ul	97
87) Chrysene	21.481	228	50517	4.730	ng/ul	99
90) Benzo(b)fluoranthene	23.491	252	52806m	4.663	ng/ul	
91) Benzo(k)fluoranthene	23.555	252	52748m	4.623	ng/ul	
93) Benzo(a)pyrene	24.302	252	47394	4.476	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.815	276	62368m	4.666	ng/ul	
95) Dibenzo(a,h)anthracene	27.862	278	48384	4.527	ng/ul#	92
96) Benzo(g,h,i)perylene	28.855	276	51683m	4.925	ng/ul	

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

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