

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090925\
 Data File : BP025692.D
 Acq On : 09 Sep 2025 10:31
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020678

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Sep 09 12:48:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 09 09:26:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	135835	20.000	ng/u1	0.00
20) Naphthalene-d8	10.525	136	560280	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.378	164	391675	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.178	188	890621	20.000	ng/u1	0.00
79) Chrysene-d12	21.619	240	904409	20.000	ng/u1	0.00
88) Perylene-d12	24.983	264	986597	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.278	96	29239	8.808	ng/uL	0.00
4) Pyridine-d5	3.690	84	204774	21.284	ng/u1	0.00
7) Phenol-d5	6.949	99	216878	19.766	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.096	67	137010	20.422	ng/u1	0.00
11) 2-Chlorophenol-d4	7.302	132	177188	20.732	ng/u1	0.00
15) 4-Methylphenol-d8	8.466	113	181267	19.953	ng/u1	0.00
21) Nitrobenzene-d5	8.902	128	88316	20.491	ng/u1	0.00
24) 2-Nitrophenol-d4	9.619	143	99333	20.276	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.166	165	180835	20.484	ng/u1	0.00
31) 4-Chloroaniline-d4	10.660	131	248407	20.082	ng/u1	0.00
46) Dimethylphthalate-d6	13.784	166	601896	20.327	ng/u1	0.00
49) Acenaphthylene-d8	14.072	160	664532	20.438	ng/u1	0.00
54) 4-Nitrophenol-d4	14.601	143	95031	19.349	ng/u1	0.00
60) Fluorene-d10	15.390	176	502976	20.398	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.519	200	107306	17.696	ng/u1	0.00
73) Anthracene-d10	17.278	188	874920	20.413	ng/u1	-0.01
81) Pyrene-d10	19.654	212	1001955	20.242	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.736	264	1041872	20.570	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	30448	8.677	ng/uL	96
5) Pyridine	3.714	79	219909	21.945	ng/u1	98
6) Benzaldehyde	6.914	77	132473	26.213	ng/u1	99
8) Phenol	6.972	94	222284	19.725	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.190	93	183126	20.591	ng/u1	97
12) 2-Chlorophenol	7.337	128	183138	20.990	ng/u1	99
13) 2-Methylphenol	8.202	108	171930	19.900	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.272	45	290627	20.612	ng/u1	99
16) Acetophenone	8.572	105	292884	20.839	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.555	70	154531	20.705	ng/u1	98
18) 4-Methylphenol	8.525	108	187744	20.048	ng/u1	100
19) Hexachloroethane	8.825	117	80932	20.693	ng/u1	95
22) Nitrobenzene	8.943	77	215065	20.615	ng/u1	98
23) Isophorone	9.466	82	434802	20.360	ng/u1	99
25) 2-Nitrophenol	9.649	139	102579	20.127	ng/u1	98
26) 2,4-Dimethylphenol	9.713	107	205945	19.714	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.931	93	253511	20.679	ng/u1	99
29) 2,4-Dichlorophenol	10.190	162	176428	20.553	ng/u1	99
30) Naphthalene	10.578	128	602081	20.551	ng/u1	99
32) 4-Chloroaniline	10.690	127	247146	20.046	ng/u1	99
33) Hexachlorobutadiene	10.860	225	130321	20.399	ng/u1	98
34) Caprolactam	11.466	113	70401m	20.022	ng/u1	
35) 4-Chloro-3-methylphenol	11.819	107	204879	20.290	ng/u1	99
36) 2-Methylnaphthalene	12.184	142	422434	20.188	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.407	142	428028	20.881	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.554	216	237406	20.382	ng/ul	99
40) Hexachlorocyclopentadiene	12.531	237	105994	17.901	ng/ul	98
41) 2,4,6-Trichlorophenol	12.802	196	154791	20.313	ng/ul	100
42) 2,4,5-Trichlorophenol	12.884	196	166200	19.904	ng/ul	99
43) 1,1'-Biphenyl	13.196	154	564169	20.546	ng/ul	99
44) 2-Chloronaphthalene	13.243	162	445017	20.588	ng/ul	99
45) 2-Nitroaniline	13.449	65	139461	20.333	ng/ul	92
47) Dimethylphthalate	13.831	163	589664	20.302	ng/ul	100
48) 2,6-Dinitrotoluene	13.943	165	118090	20.069	ng/ul	97
50) Acenaphthylene	14.101	152	740066	20.333	ng/ul	99
51) 3-Nitroaniline	14.284	138	115971	22.171	ng/ul	97
52) Acenaphthene	14.448	153	474383	20.282	ng/ul	98
53) 2,4-Dinitrophenol	14.507	184	60691	16.784	ng/ul	99
55) 4-Nitrophenol	14.613	109	75316	18.835	ng/ul	95
56) Dibenzofuran	14.784	168	685178	20.486	ng/ul	97
57) 2,4-Dinitrotoluene	14.754	165	181570	20.604	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.019	232	148874	20.331	ng/ul	99
59) Diethylphthalate	15.213	149	599557	20.076	ng/ul	99
61) Fluorene	15.448	166	559810	20.492	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.437	204	283906	20.300	ng/ul	99
63) 4-Nitroaniline	15.466	138	114756	22.249	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.531	198	110328	17.965	ng/ul	100
67) N-Nitrosodiphenylamine	15.648	169	497204	19.305	ng/ul	98
68) 4-Bromophenyl-phenylether	16.343	248	192017	20.225	ng/ul	98
69) Hexachlorobenzene	16.472	284	219532	20.170	ng/ul	97
70) Atrazine	16.631	200	222783	21.080	ng/ul	99
71) Pentachlorophenol	16.825	266	133706	19.203	ng/ul	99
72) Phenanthrene	17.219	178	993511	20.331	ng/ul	99
74) Anthracene	17.313	178	1009310	20.371	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.166	216	244920	18.658	ng/uL	94
76) Pentachlorobenzene	14.701	250	242597	18.934	ng/uL	99
77) Carbazole	17.595	167	931541	20.916	ng/ul	99
78) Di-n-butylphthalate	18.178	149	1170133	20.443	ng/ul	100
80) Fluoranthene	19.307	202	1141410	20.257	ng/ul	99
82) Pyrene	19.683	202	1201245	20.394	ng/ul	99
83) Butylbenzylphthalate	20.631	149	539765	20.569	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.519	252	403660	20.822	ng/ul	99
85) Benzo(a)anthracene	21.607	228	1221212	20.272	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.536	149	807331	20.936	ng/ul	98
87) Chrysene	21.666	228	1164345	20.538	ng/ul	99
89) Di-n-octyl phthalate	22.807	149	1400851	21.042	ng/ul	100
90) Benzo(b)fluoranthene	23.907	252	1187792	20.566	ng/ul	98
91) Benzo(k)fluoranthene	23.971	252	1220906	20.841	ng/ul	99
93) Benzo(a)pyrene	24.807	252	1135492	20.460	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.777	276	1403469m	20.215	ng/ul	
95) Dibenzo(a,h)anthracene	28.871	278	1135971	20.193	ng/ul	99
96) Benzo(g,h,i)perylene	29.948	276	1128327m	20.046	ng/ul	

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

