

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070125\
 Data File : BP025060.D
 Acq On : 01 Jul 2025 17:56
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020675

Quant Time: Jul 01 18:20:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP063025.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 01 11:17:33 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/02/2025
 Supervised By :Jagrut Upadhyay 07/02/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	335011	20.000	ng/u1	0.00
20) Naphthalene-d8	10.196	136	1394362	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.096	164	921334	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.925	188	1838965	20.000	ng/u1	0.01
79) Chrysene-d12	21.348	240	2019015	20.000	ng/u1	0.00
88) Perylene-d12	24.489	264	2169964	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.090	96	60245	8.049	ng/uL	0.00
4) Pyridine-d5	3.473	84	428736	20.232	ng/u1	0.00
7) Phenol-d5	6.625	99	504344	19.556	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.796	67	309581	20.853	ng/u1	0.00
11) 2-Chlorophenol-d4	6.984	132	426636	20.444	ng/u1	0.00
15) 4-Methylphenol-d8	8.137	113	412157	19.730	ng/u1	0.00
21) Nitrobenzene-d5	8.566	128	182020	19.446	ng/u1	0.00
24) 2-Nitrophenol-d4	9.278	143	150136	18.401	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.819	165	412545	19.898	ng/u1	0.00
31) 4-Chloroaniline-d4	10.319	131	633785	19.851	ng/u1	0.00
46) Dimethylphthalate-d6	13.507	166	1330387	20.101	ng/u1	0.00
49) Acenaphthylene-d8	13.784	160	1580495	20.392	ng/u1	0.00
54) 4-Nitrophenol-d4	14.296	143	232131	18.568	ng/u1	0.00
60) Fluorene-d10	15.119	176	1176839	20.712	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.237	200	129613	16.221	ng/u1	0.00
73) Anthracene-d10	17.019	188	1850039	20.926	ng/u1	0.00
81) Pyrene-d10	19.413	212	2112118	20.396	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.266	264	2178835	19.964	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.126	88	65343	8.085	ng/uL	98
5) Pyridine	3.490	79	444457	20.243	ng/u1	99
6) Benzaldehyde	6.602	77	311552	24.928	ng/u1	99
8) Phenol	6.655	94	532535	20.113	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.884	93	415454	20.368	ng/u1	99
12) 2-Chlorophenol	7.014	128	439534	20.582	ng/u1	98
13) 2-Methylphenol	7.878	108	393885	19.537	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	7.966	45	584899	20.732	ng/u1	99
16) Acetophenone	8.243	105	685173	20.933	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.237	70	324201	21.679	ng/u1	100
18) 4-Methylphenol	8.196	108	439935	20.180	ng/u1	99
19) Hexachloroethane	8.502	117	165334	20.301	ng/u1	98
22) Nitrobenzene	8.608	77	442227	20.397	ng/u1	99
23) Isophorone	9.137	82	919289	20.549	ng/u1	100
25) 2-Nitrophenol	9.308	139	185885	19.468	ng/u1	99
26) 2,4-Dimethylphenol	9.384	107	479777	20.858	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.619	93	562916	20.341	ng/u1	99
29) 2,4-Dichlorophenol	9.843	162	415430	20.059	ng/u1	98
30) Naphthalene	10.243	128	1482265	20.257	ng/u1	100
32) 4-Chloroaniline	10.343	127	635079	20.264	ng/u1	100
33) Hexachlorobutadiene	10.549	225	268585	19.450	ng/u1	96
34) Caprolactam	11.090	113	140369	19.119	ng/u1	98
35) 4-Chloro-3-methylphenol	11.484	107	427950	20.716	ng/u1	100
36) 2-Methylnaphthalene	11.872	142	1060419	20.339	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.090	142	1048735	20.472	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.249	216	526163	19.346	ng/ul	99
40) Hexachlorocyclopentadiene	12.243	237	224687	16.882	ng/ul	97
41) 2,4,6-Trichlorophenol	12.490	196	320313	19.920	ng/ul	100
42) 2,4,5-Trichlorophenol	12.560	196	361355	20.199	ng/ul	100
43) 1,1'-Biphenyl	12.913	154	1368368	20.051	ng/ul	99
44) 2-Chloronaphthalene	12.949	162	1063303	20.038	ng/ul	99
45) 2-Nitroaniline	13.143	65	207887	20.729	ng/ul	97
47) Dimethylphthalate	13.554	163	1330695	20.373	ng/ul	99
48) 2,6-Dinitrotoluene	13.666	165	212153	20.745	ng/ul	99
50) Acenaphthylene	13.807	152	1793004	20.406	ng/ul	99
51) 3-Nitroaniline	13.990	138	231000	19.309	ng/ul	98
52) Acenaphthene	14.160	153	1168367	20.587	ng/ul	99
53) 2,4-Dinitrophenol	14.201	184	80093	15.697	ng/ul	92
55) 4-Nitrophenol	14.307	109	177724	20.051	ng/ul	95
56) Dibenzofuran	14.513	168	1634237	20.323	ng/ul	99
57) 2,4-Dinitrotoluene	14.472	165	315028	20.865	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.743	232	285226	19.729	ng/ul	95
59) Diethylphthalate	14.972	149	1314556	20.604	ng/ul	99
61) Fluorene	15.178	166	1333013	20.504	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.184	204	637535	19.865	ng/ul	98
63) 4-Nitroaniline	15.184	138	254468	21.575	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.248	198	146725	16.870	ng/ul	94
67) N-Nitrosodiphenylamine	15.395	169	1136128	20.867	ng/ul	100
68) 4-Bromophenyl-phenylether	16.101	248	393669	20.409	ng/ul	97
69) Hexachlorobenzene	16.201	284	493667	20.403	ng/ul	96
70) Atrazine	16.390	200	397108	19.850	ng/ul	100
71) Pentachlorophenol	16.566	266	266827	18.244	ng/ul	98
72) Phenanthrene	16.966	178	2139220	20.897	ng/ul	99
74) Anthracene	17.054	178	2156524	21.021	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.860	216	540270	19.642	ng/ul	99
76) Pentachlorobenzene	14.431	250	563398	20.251	ng/ul	99
77) Carbazole	17.337	167	1995787	21.701	ng/ul	99
78) Di-n-butylphthalate	17.972	149	2138678	21.082	ng/ul	100
80) Fluoranthene	19.072	202	2449278	20.362	ng/ul	98
82) Pyrene	19.448	202	2641960	20.693	ng/ul	97
83) Butylbenzylphthalate	20.436	149	754491	20.351	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.266	252	666368	18.060	ng/ul	99
85) Benzo(a)anthracene	21.330	228	2675277	20.605	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.330	149	1288012	20.696	ng/ul	100
87) Chrysene	21.395	228	2481671	20.504	ng/ul	99
89) Di-n-octyl phthalate	22.554	149	1823541	16.966	ng/ul	100
90) Benzo(b)fluoranthene	23.501	252	2590877	20.261	ng/ul	100
91) Benzo(k)fluoranthene	23.566	252	2620486	20.546	ng/ul	99
93) Benzo(a)pyrene	24.336	252	2482799	20.614	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.024	276	3028210m	19.828	ng/ul	
95) Dibenzo(a,h)anthracene	28.101	278	2481196	20.183	ng/ul	99
96) Benzo(g,h,i)perylene	29.107	276	2493500	19.863	ng/ul	99

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

