

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060525\
 Data File : BP024858.D
 Acq On : 05 Jun 2025 17:24
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020673

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/06/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 17:58:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060525.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 05 15:37:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	247214	20.000	ng/u1	0.00
20) Naphthalene-d8	10.378	136	994372	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.248	164	636089	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.054	188	1242117	20.000	ng/u1	0.00
79) Chrysene-d12	21.489	240	1391367	20.000	ng/u1	0.00
88) Perylene-d12	24.742	264	1617216	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.137	96	50080	7.757	ng/uL	0.00
4) Pyridine-d5	3.549	84	320015	20.422	ng/u1	0.00
7) Phenol-d5	6.819	99	390043	19.603	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.955	67	237140	20.197	ng/u1	0.00
11) 2-Chlorophenol-d4	7.160	132	332139	20.297	ng/u1	0.00
15) 4-Methylphenol-d8	8.337	113	321255	19.622	ng/u1	0.00
21) Nitrobenzene-d5	8.760	128	161973	20.819	ng/u1	0.00
24) 2-Nitrophenol-d4	9.478	143	181134	20.834	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.031	165	315868	21.128	ng/u1	0.00
31) 4-Chloroaniline-d4	10.525	131	450892	20.638	ng/u1	0.00
46) Dimethylphthalate-d6	13.660	166	977941	20.808	ng/u1	0.00
49) Acenaphthylene-d8	13.937	160	1095202	20.884	ng/u1	0.00
54) 4-Nitrophenol-d4	14.513	143	135432	18.911	ng/u1	0.00
60) Fluorene-d10	15.254	176	810565	21.246	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.401	200	167110	19.888	ng/u1	0.00
73) Anthracene-d10	17.154	188	1269108	21.342	ng/u1	0.00
81) Pyrene-d10	19.536	212	1476711	20.489	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.501	264	1715737	20.818	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.172	88	54093	7.732	ng/uL	97
5) Pyridine	3.572	79	324699	20.076	ng/u1	98
6) Benzaldehyde	6.772	77	227320	25.143	ng/u1	98
8) Phenol	6.843	94	404126	19.657	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.049	93	330475	20.486	ng/u1	99
12) 2-Chlorophenol	7.196	128	347025	20.818	ng/u1	99
13) 2-Methylphenol	8.072	108	304068	19.293	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.125	45	427700	20.959	ng/u1	99
16) Acetophenone	8.431	105	507398	20.184	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.413	70	260944	20.231	ng/u1	100
18) 4-Methylphenol	8.402	108	332946	19.520	ng/u1	97
19) Hexachloroethane	8.672	117	148361	21.337	ng/u1	99
22) Nitrobenzene	8.802	77	386263	21.495	ng/u1	97
23) Isophorone	9.325	82	722767	20.478	ng/u1	99
25) 2-Nitrophenol	9.507	139	197272	20.997	ng/u1	99
26) 2,4-Dimethylphenol	9.584	107	372699	21.368	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.802	93	438236	21.183	ng/u1	99
29) 2,4-Dichlorophenol	10.054	162	314677	21.116	ng/u1	96
30) Naphthalene	10.425	128	1076804	20.852	ng/u1	100
32) 4-Chloroaniline	10.549	127	420436	20.673	ng/u1	98
33) Hexachlorobutadiene	10.707	225	217124	21.575	ng/u1	99
34) Caprolactam	11.337	113	108224m	19.300	ng/u1	
35) 4-Chloro-3-methylphenol	11.701	107	350957	20.903	ng/u1	98
36) 2-Methylnaphthalene	12.048	142	759210	20.920	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060525\
 Data File : BP024858.D
 Acq On : 05 Jun 2025 17:24
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020673

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/06/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 17:58:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060525.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 05 15:37:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.266	142	755719	20.983	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.419	216	388192	20.791	ng/ul	99
40) Hexachlorocyclopentadiene	12.390	237	176544	19.195	ng/ul	99
41) 2,4,6-Trichlorophenol	12.678	196	250136	21.009	ng/ul	99
42) 2,4,5-Trichlorophenol	12.766	196	255834	20.656	ng/ul	99
43) 1,1'-Biphenyl	13.072	154	969959	21.105	ng/ul	99
44) 2-Chloronaphthalene	13.113	162	755951	21.229	ng/ul	100
45) 2-Nitroaniline	13.337	65	220664	21.027	ng/ul	99
47) Dimethylphthalate	13.707	163	993895	21.254	ng/ul	100
48) 2,6-Dinitrotoluene	13.831	165	193501	20.482	ng/ul	100
50) Acenaphthylene	13.966	152	1132038	20.905	ng/ul	99
51) 3-Nitroaniline	14.172	138	194772	20.277	ng/ul	98
52) Acenaphthene	14.313	153	821271	20.910	ng/ul	99
53) 2,4-Dinitrophenol	14.395	184	101710	17.930	ng/ul	98
55) 4-Nitrophenol	14.531	109	100704	16.117	ng/ul	100
56) Dibenzofuran	14.654	168	1135857	21.021	ng/ul	100
57) 2,4-Dinitrotoluene	14.637	165	302402	21.412	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.901	232	233648	21.287	ng/ul	98
59) Diethylphthalate	15.089	149	1023998	21.348	ng/ul	99
61) Fluorene	15.313	166	926950	21.419	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.313	204	459492	21.428	ng/ul	100
63) 4-Nitroaniline	15.360	138	170202	21.058	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.413	198	177526	19.791	ng/ul	95
67) N-Nitrosodiphenylamine	15.531	169	797374	21.252	ng/ul	100
68) 4-Bromophenyl-phenylether	16.219	248	296589	21.235	ng/ul	99
69) Hexachlorobenzene	16.342	284	353603	21.027	ng/ul	98
70) Atrazine	16.507	200	306180	21.766	ng/ul	99
71) Pentachlorophenol	16.713	266	170882	19.127	ng/ul	98
72) Phenanthrene	17.095	178	1424962	20.915	ng/ul	99
74) Anthracene	17.183	178	1450662	21.283	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.037	216	397453	21.162	ng/ul	99
76) Pentachlorobenzene	14.572	250	400629	21.052	ng/ul	99
77) Carbazole	17.478	167	1347251	21.542	ng/ul	100
78) Di-n-butylphthalate	18.066	149	1786787	21.765	ng/ul	100
80) Fluoranthene	19.189	202	1687144	20.262	ng/ul	99
82) Pyrene	19.566	202	1791413	20.315	ng/ul	99
83) Butylbenzylphthalate	20.524	149	863047	21.447	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.401	252	632593	22.554	ng/ul	99
85) Benzo(a)anthracene	21.466	228	1859694	20.921	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.407	149	1321142	22.122	ng/ul	100
87) Chrysene	21.536	228	1751170	20.904	ng/ul	99
89) Di-n-octyl phthalate	22.642	149	2194827	21.795	ng/ul	100
90) Benzo(b)fluoranthene	23.695	252	1945431	20.993	ng/ul	99
91) Benzo(k)fluoranthene	23.765	252	1949800	20.810	ng/ul	99
93) Benzo(a)pyrene	24.565	252	1818673	20.989	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.406	276	2435512	20.795	ng/ul	98
95) Dibenzo(a,h)anthracene	28.477	278	1989419	21.077	ng/ul	99
96) Benzo(g,h,i)perylene	29.559	276	1895568m	20.762	ng/ul	

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

