

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070125\
 Data File : BP025052.D
 Acq On : 01 Jul 2025 11:57
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020674

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Jul 01 15:20:11 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	316339	20.000	ng/u1	0.00
20) Naphthalene-d8	10.190	136	1330387	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.095	164	879629	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.913	188	1819955	20.000	ng/u1	0.00
79) Chrysene-d12	21.348	240	2010049	20.000	ng/u1	0.00
88) Perylene-d12	24.477	264	2174318	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.090	96	57339	8.113	ng/uL	0.00
4) Pyridine-d5	3.467	84	407702	20.375	ng/u1	0.00
7) Phenol-d5	6.625	99	481425	19.769	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.796	67	278926	19.897	ng/u1	0.00
11) 2-Chlorophenol-d4	6.978	132	403368	20.470	ng/u1	0.00
15) 4-Methylphenol-d8	8.131	113	391907	19.868	ng/u1	0.00
21) Nitrobenzene-d5	8.560	128	182716	20.459	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.278	143	155375	19.959	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.813	165	401247	20.283	ng/u1	0.00
31) 4-Chloroaniline-d4	10.313	131	606911	19.923	ng/u1	0.00
46) Dimethylphthalate-d6	13.513	166	1319733	20.885	ng/u1	0.00
49) Acenaphthylene-d8	13.778	160	1533538	20.725	ng/u1	0.00
54) 4-Nitrophenol-d4	14.290	143	237703	19.915	ng/u1	0.00
60) Fluorene-d10	15.107	176	1120828	20.661	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.237	200	132774	16.790	ng/u1	0.00
73) Anthracene-d10	17.019	188	1791367	20.474	ng/u1	0.00
81) Pyrene-d10	19.407	212	2075274	20.130	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.266	264	2237503	20.461	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.120	88	58174	7.623	ng/uL	96
5) Pyridine	3.484	79	424446	20.473	ng/u1	97
6) Benzaldehyde	6.596	77	291593	24.708	ng/u1	100
8) Phenol	6.649	94	500001	19.999	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.884	93	388336	20.162	ng/u1	99
12) 2-Chlorophenol	7.013	128	413796	20.520	ng/u1	97
13) 2-Methylphenol	7.866	108	376156	19.759	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	7.961	45	532445	19.986	ng/u1	99
16) Acetophenone	8.237	105	643845	20.831	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.231	70	304449	21.560	ng/u1	99
18) 4-Methylphenol	8.190	108	415923	20.205	ng/u1	100
19) Hexachloroethane	8.502	117	154896	20.142	ng/u1	94
22) Nitrobenzene	8.602	77	422529	20.425	ng/u1	99
23) Isophorone	9.131	82	875932	20.521	ng/u1	99
25) 2-Nitrophenol	9.307	139	188852	20.730	ng/u1	98
26) 2,4-Dimethylphenol	9.384	107	452321	20.610	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.613	93	530588	20.094	ng/u1	99
29) 2,4-Dichlorophenol	9.837	162	397942	20.139	ng/u1	98
30) Naphthalene	10.237	128	1410978	20.210	ng/u1	100
32) 4-Chloroaniline	10.337	127	606168	20.271	ng/u1	100
33) Hexachlorobutadiene	10.543	225	254909	19.347	ng/u1	99
34) Caprolactam	11.078	113	142113m	20.288	ng/u1	
35) 4-Chloro-3-methylphenol	11.472	107	415319	21.072	ng/u1	99
36) 2-Methylnaphthalene	11.854	142	1009842	20.300	ng/u1	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.084	142	996046	20.379	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.237	216	508262	19.574	ng/ul	100
40) Hexachlorocyclopentadiene	12.231	237	227334	17.891	ng/ul	96
41) 2,4,6-Trichlorophenol	12.484	196	310442	20.222	ng/ul	99
42) 2,4,5-Trichlorophenol	12.549	196	351431	20.575	ng/ul	97
43) 1,1'-Biphenyl	12.907	154	1322098	20.292	ng/ul	99
44) 2-Chloronaphthalene	12.937	162	1030866	20.348	ng/ul	99
45) 2-Nitroaniline	13.143	65	214573	22.410	ng/ul	96
47) Dimethylphthalate	13.554	163	1295198	20.770	ng/ul	99
48) 2,6-Dinitrotoluene	13.660	165	214142	21.932	ng/ul	99
50) Acenaphthylene	13.807	152	1731881	20.645	ng/ul	99
51) 3-Nitroaniline	13.984	138	239366	20.957	ng/ul	98
52) Acenaphthene	14.160	153	1109855	20.483	ng/ul	99
53) 2,4-Dinitrophenol	14.201	184	82164	16.866	ng/ul	99
55) 4-Nitrophenol	14.307	109	172918	20.434	ng/ul	98
56) Dibenzofuran	14.507	168	1584111	20.633	ng/ul	98
57) 2,4-Dinitrotoluene	14.466	165	322134	22.347	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.731	232	289976	21.008	ng/ul	99
59) Diethylphthalate	14.966	149	1260722	20.697	ng/ul	99
61) Fluorene	15.172	166	1277279	20.578	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.184	204	612738	19.998	ng/ul	98
63) 4-Nitroaniline	15.178	138	255212	22.664	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.248	198	149166	17.330	ng/ul	96
67) N-Nitrosodiphenylamine	15.390	169	1093987	20.303	ng/ul	99
68) 4-Bromophenyl-phenylether	16.095	248	383426	20.086	ng/ul	97
69) Hexachlorobenzene	16.195	284	479383	20.019	ng/ul	99
70) Atrazine	16.395	200	392048	19.802	ng/ul	99
71) Pentachlorophenol	16.560	266	266163	18.389	ng/ul	99
72) Phenanthrene	16.966	178	2057044	20.304	ng/ul	99
74) Anthracene	17.054	178	2091717	20.602	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.854	216	529450	19.449	ng/ul	98
76) Pentachlorobenzene	14.419	250	538967	19.575	ng/ul	98
77) Carbazole	17.336	167	1926493	21.166	ng/ul	99
78) Di-n-butylphthalate	17.972	149	2055576	20.475	ng/ul	100
80) Fluoranthene	19.066	202	2409785	20.124	ng/ul	99
82) Pyrene	19.436	202	2549863	20.061	ng/ul	99
83) Butylbenzylphthalate	20.436	149	760155	20.595	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.260	252	722373	19.665	ng/ul	100
85) Benzo(a)anthracene	21.325	228	2618733	20.260	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.336	149	1275463	20.586	ng/ul	100
87) Chrysene	21.389	228	2450864	20.340	ng/ul	100
89) Di-n-octyl phthalate	22.560	149	1952349	18.128	ng/ul	100
90) Benzo(b)fluoranthene	23.501	252	2595504	20.256	ng/ul	100
91) Benzo(k)fluoranthene	23.560	252	2615765	20.468	ng/ul	99
93) Benzo(a)pyrene	24.336	252	2489374	20.627	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.018	276	3100904m	20.264	ng/ul	
95) Dibenzo(a,h)anthracene	28.101	278	2561562	20.795	ng/ul	99
96) Benzo(g,h,i)perylene	29.095	276	2532402	20.132	ng/ul	99

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

