

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062425\
 Data File : BN037375.D
 Acq On : 24 Jun 2025 17:11
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020373

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/25/2025
 Supervised By :Jagrut Upadhyay 06/25/2025

Quant Time: Jun 24 18:01:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN062025.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 19 14:59:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	64594	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	229693	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.216	164	189344	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.963	188	405569	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.198	240	397547	20.000	ng/u1	# 0.00
88) Perylene-d12	24.045	264	428589	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	10560	8.733	ng/uL	0.00
4) Pyridine-d5	3.469	84	67080	20.765	ng/u1	0.00
7) Phenol-d5	6.740	99	76812	20.624	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	48777	21.017	ng/u1	0.00
11) 2-Chlorophenol-d4	7.093	132	69174	20.951	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	63903	20.959	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	32780	19.475	ng/u1	0.00
24) 2-Nitrophenol-d4	9.434	143	39493	19.237	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	93183	20.925	ng/u1	0.00
31) 4-Chloroaniline-d4	10.481	131	90760	20.280	ng/u1	0.00
46) Dimethylphthalate-d6	13.634	166	281136	20.128	ng/u1	0.00
49) Acenaphthylene-d8	13.904	160	311605	20.280	ng/u1	0.00
54) 4-Nitrophenol-d4	14.428	143	38958	18.782	ng/u1	0.00
60) Fluorene-d10	15.216	176	258917	20.512	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.339	200	52977	18.295	ng/u1	0.00
73) Anthracene-d10	17.063	188	409262	20.421	ng/u1	0.00
81) Pyrene-d10	19.369	212	459463	21.248	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.851	264	446775	20.060	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.093	88	11172	8.017	ng/uL	99
5) Pyridine	3.487	79	69587	20.826	ng/u1	98
6) Benzaldehyde	6.710	77	52486	24.697	ng/u1	96
8) Phenol	6.763	94	81056	21.256	ng/u1	94
10) Bis(2-Chloroethyl)ether	6.999	93	63715	20.929	ng/u1	98
12) 2-Chlorophenol	7.128	128	70328	21.229	ng/u1	99
13) 2-Methylphenol	8.010	108	58605	20.264	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.087	45	54895m	21.441	ng/u1	
16) Acetophenone	8.381	105	113886	22.850	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.369	70	54532	23.031	ng/u1	95
18) 4-Methylphenol	8.340	108	65626	20.985	ng/u1	93
19) Hexachloroethane	8.628	117	37716	21.733	ng/u1	97
22) Nitrobenzene	8.757	77	93383	20.465	ng/u1	96
23) Isophorone	9.281	82	142593	20.301	ng/u1#	96
25) 2-Nitrophenol	9.463	139	40990	19.724	ng/u1	98
26) 2,4-Dimethylphenol	9.528	107	84784	20.599	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.769	93	90652	21.489	ng/u1	99
29) 2,4-Dichlorophenol	9.993	162	90568	20.830	ng/u1	100
30) Naphthalene	10.387	128	240393	20.854	ng/u1	97
32) 4-Chloroaniline	10.504	127	90089	20.292	ng/u1	95
33) Hexachlorobutadiene	10.675	225	90253	19.380	ng/u1	95
34) Caprolactam	11.269	113	16963	18.580	ng/u1	96
35) 4-Chloro-3-methylphenol	11.640	107	70566	20.643	ng/u1	96
36) 2-Methylnaphthalene	12.010	142	183253	20.904	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.234	142	182617	21.160	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.387	216	146050	18.694	ng/ul	97
40) Hexachlorocyclopentadiene	12.369	237	106855	17.879	ng/ul	95
41) 2,4,6-Trichlorophenol	12.634	196	84047	19.074	ng/ul	95
42) 2,4,5-Trichlorophenol	12.704	196	93027	18.782	ng/ul	95
43) 1,1'-Biphenyl	13.040	154	268384	19.823	ng/ul	98
44) 2-Chloronaphthalene	13.081	162	228064	20.421	ng/ul	98
45) 2-Nitroaniline	13.292	65	47116	20.020	ng/ul	94
47) Dimethylphthalate	13.681	163	272834	20.114	ng/ul	99
48) 2,6-Dinitrotoluene	13.798	165	52193	19.254	ng/ul	97
50) Acenaphthylene	13.934	152	339965	20.663	ng/ul	99
51) 3-Nitroaniline	14.128	138	39807	19.328	ng/ul	97
52) Acenaphthene	14.281	153	229856	20.666	ng/ul	94
53) 2,4-Dinitrophenol	14.339	184	31331	16.593	ng/ul	98
55) 4-Nitrophenol	14.439	109	40218	18.987	ng/ul	90
56) Dibenzofuran	14.616	168	359592	20.897	ng/ul	97
57) 2,4-Dinitrotoluene	14.592	165	81378	20.715	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.845	232	81918	19.426	ng/ul#	99
59) Diethylphthalate	15.057	149	261700	20.517	ng/ul	98
61) Fluorene	15.269	166	290621	21.119	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.269	204	166637	19.561	ng/ul	97
63) 4-Nitroaniline	15.292	138	39777	20.519	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.357	198	55361	18.592	ng/ul	94
67) N-Nitrosodiphenylamine	15.486	169	247297	21.927	ng/ul	98
68) 4-Bromophenyl-phenylether	16.163	248	94052	18.847	ng/ul	89
69) Hexachlorobenzene	16.275	284	107715	19.187	ng/ul	97
70) Atrazine	16.445	200	97613	19.169	ng/ul	99
71) Pentachlorophenol	16.616	266	68179	18.243	ng/ul	97
72) Phenanthrene	17.004	178	455753	20.667	ng/ul	99
74) Anthracene	17.098	178	476228	21.307	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.004	216	148400	19.210	ng/uL	96
76) Pentachlorobenzene	14.539	250	137087	19.227	ng/uL	90
77) Carbazole	17.375	167	372141	20.172	ng/ul	98
78) Di-n-butylphthalate	17.945	149	418335	21.025	ng/ul	99
80) Fluoranthene	19.033	202	519576	20.945	ng/ul	99
82) Pyrene	19.398	202	556417	21.305	ng/ul	98
83) Butylbenzylphthalate	20.316	149	164354	21.105	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.116	252	151002	18.632	ng/ul	98
85) Benzo(a)anthracene	21.186	228	561324	20.905	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.127	149	258094	22.140	ng/ul	97
87) Chrysene	21.245	228	528868	21.207	ng/ul	100
89) Di-n-octyl phthalate	22.210	149	385743	18.226	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	522105	19.700	ng/ul	98
91) Benzo(k)fluoranthene	23.210	252	553359	20.447	ng/ul	97
93) Benzo(a)pyrene	23.915	252	523372	21.017	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.227	276	667126m	20.001	ng/ul	
95) Dibenzo(a,h)anthracene	27.286	278	545259	19.971	ng/ul	99
96) Benzo(g,h,i)perylene	28.221	276	553146	20.155	ng/ul	97

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

