Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091225\
Data File : BN037708.D
Acq On : 12 Sep 2025 12:08
Operator : RC/JU
Sample : SSTD01042
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 12 15:27:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 15:23:21 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD010239

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	239935	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	916337	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.493	164	533026	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	948495	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	905130	20.000	ng/ul	0.00
88) Perylene-d12	24.580	264	962888	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	21761	4.187	ng/uL	0.00
4) Pyridine-d5	3.675	84	146892	9.827	ng/ul	0.00
7) Phenol-d5	6.987	99	165113	9.179	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	108386	9.884	ng/ul	0.00
11) 2-Chlorophenol-d4	7.364	132	139904	9.141	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	129087	8.790	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	64195	9.182	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	45707	7.186	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	121475	9.103	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	186480	9.437	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	342882	9.077	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	429996	9.541	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	47510	6.718	ng/ul	0.00
60) Fluorene-d10	15.487	176	309601	9.436	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	24980	4.877	ng/ul	0.00
73) Anthracene-d10	17.339	188	452408	9.592	ng/ul	0.00
81) Pyrene-d10	19.628	212	469840	9.597	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.369	264	436537	8.903	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	23751	4.149	ng/uL	94
5) Pyridine	3.693	79	152289	9.917	ng/ul	99
6) Benzaldehyde	6.964	77	106428	12.750	ng/ul	98
8) Phenol	7.011	94	176338	9.516	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.252	93	145231	9.683	ng/ul	99
12) 2-Chlorophenol	7.393	128	146313	9.320	ng/ul	96
13) 2-Methylphenol	8.275	108	126455	9.033	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.369	45	200689	9.295	ng/ul	99
16) Acetophenone	8.652	105	220410	9.576	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.640	70	99512	9.306	ng/ul	98
18) 4-Methylphenol	8.599	108	139312	9.242	ng/ul	99
19) Hexachloroethane	8.928	117	63429	9.536	ng/ul	98
22) Nitrobenzene	9.034	77	152714	9.556	ng/ul	100
23) Isophorone	9.563	82	266518	9.216	ng/ul	98
25) 2-Nitrophenol	9.752	139	56660	7.780	ng/ul	99
26) 2,4-Dimethylphenol	9.810	107	146331	9.459	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.052	93	181210	9.628	ng/ul	98
29) 2,4-Dichlorophenol	10.281	162	124912	9.267	ng/ul	98
30) Naphthalene	10.693	128	488651	9.890	ng/ul	98
32) 4-Chloroaniline	10.793	127	188563	9.519	ng/ul	98
33) Hexachlorobutadiene	10.993	225	91048	9.741	ng/ul	99
34) Caprolactam	11.546	113	30949m	7.446	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	118223	8.713	ng/ul	100
36) 2-Methylnaphthalene	12.310	142	322882	9.636	ng/ul	98

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37) 1-Methylnaphthalene	12.534	142	315964	9.632	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	159376	9.772	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	92018	8.818	ng/ul	98
41) 2,4,6-Trichlorophenol	12.916	196	80290	8.440	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	95468	8.810	ng/ul	99
43) 1,1'-Biphenyl	13.328	154	401236	9.806	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	316888	9.970	ng/ul	99
45) 2-Nitroaniline	13.557	65	63029	8.402	ng/ul	95
47) Dimethylphthalate	13.951	163	344429	9.231	ng/ul	100
48) 2,6-Dinitrotoluene	14.057	165	55909	7.945	ng/ul	95
50) Acenaphthylene	14.216	152	504847	9.788	ng/ul	99
51) 3-Nitroaniline	14.381	138	60292	8.628	ng/ul	99
52) Acenaphthene	14.557	153	326965	9.777	ng/ul	95
53) 2,4-Dinitrophenol	14.587	184	14995	4.223	ng/ul	92
55) 4-Nitrophenol	14.681	109	41032	8.046	ng/ul	99
56) Dibenzofuran	14.893	168	452663	9.846	ng/ul	96
57) 2,4-Dinitrotoluene	14.845	165	79463	7.804	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.116	232	63927	7.745	ng/ul	99
59) Diethylphthalate	15.322	149	322850	8.701	ng/ul	99
61) Fluorene	15.545	166	366585	9.782	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.540	204	179570	9.799	ng/ul	98
63) 4-Nitroaniline	15.545	138	60727	9.269	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.610	198	30071	5.433	ng/ul	96
67) N-Nitrosodiphenylamine	15.751	169	292992	9.718	ng/ul	99
68) 4-Bromophenyl-phenylether	16.434	248	102949	9.596	ng/ul	93
69) Hexachlorobenzene	16.551	284	127555	10.011	ng/ul	97
70) Atrazine	16.698	200	87043	8.201	ng/ul	97
71) Pentachlorophenol	16.887	266	49579	6.417	ng/ul	93
72) Phenanthrene	17.281	178	535956	9.839	ng/ul	98
74) Anthracene	17.375	178	538496	9.739	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.287	216	159687	10.003	ng/uL	97
76) Pentachlorobenzene	14.816	250	156763	10.168	ng/uL	96
77) Carbazole	17.639	167	462589	9.522	ng/ul	98
78) Di-n-butylphthalate	18.222	149	453361	7.917	ng/ul	99
80) Fluoranthene	19.298	202	543410	9.390	ng/ul	99
82) Pyrene	19.657	202	595941	9.852	ng/ul	99
83) Butylbenzylphthalate	20.569	149	131929	6.471	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	141807	8.048	ng/ul	97
85) Benzo(a)anthracene	21.475	228	567531	9.438	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	202276	6.079	ng/ul	97
87) Chrysene	21.533	228	540465	9.501	ng/ul	97
89) Di-n-octyl phthalate	22.592	149	308197	5.402	ng/ul	100
90) Benzo(b)fluoranthene	23.604	252	536353	9.376	ng/ul	98
91) Benzo(k)fluoranthene	23.669	252	538266	9.098	ng/ul	100
93) Benzo(a)pyrene	24.427	252	519045	9.501	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.057	276	653990m	9.292	ng/ul	
95) Dibenzo(a,h)anthracene	28.139	278	539554	9.241	ng/ul	98
96) Benzo(g,h,i)perylene	29.145	276	548196	9.666	ng/ul	98

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

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