

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
 Data File : BN036133.D
 Acq On : 30 Jan 2025 15:07
 Operator : RC/JU
 Sample : SSTD02007
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020247

Quant Time: Jan 30 15:47:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 30 15:42:04 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
 Supervised By :mohammad ahmed 02/04/2025

Supervised By :mohammad
 ahmed
 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	97780	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	396712	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	265765	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	547443	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	513731	20.000	ng/u1	0.00
88) Perylene-d12	24.463	264	467845	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	21369	8.871	ng/uL	0.00
4) Pyridine-d5	3.676	84	149880	22.382	ng/u1	0.00
7) Phenol-d5	6.993	99	175384	23.757	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	114417	24.379	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	138656	23.693	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	142612	24.751	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	69045	24.032	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	77902	28.114	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	143141	23.976	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	186556	22.361	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	449004	24.405	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	500423	22.470	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	76541	23.202	ng/u1	0.00
60) Fluorene-d10	15.428	176	374539	22.758	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	75345	27.463	ng/u1	0.00
73) Anthracene-d10	17.281	188	575447	21.327	ng/u1	0.00
81) Pyrene-d10	19.575	212	669458	24.500	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.251	264	536488	23.091	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	22432	8.604	ng/uL	100
5) Pyridine	3.693	79	150997	22.067	ng/u1	100
6) Benzaldehyde	6.934	77	128060	29.016	ng/u1	100
8) Phenol	7.022	94	184162	23.621	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.216	93	142859	23.826	ng/u1	100
12) 2-Chlorophenol	7.375	128	141821	23.165	ng/u1	100
13) 2-Methylphenol	8.264	108	134055	23.871	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.316	45	223102	25.509	ng/u1	100
16) Acetophenone	8.616	105	234226	24.255	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.605	70	123561	27.059	ng/u1	100
18) 4-Methylphenol	8.587	108	148819	24.558	ng/u1	100
19) Hexachloroethane	8.875	117	65052	22.539	ng/u1	100
22) Nitrobenzene	8.993	77	189789	23.354	ng/u1	100
23) Isophorone	9.522	82	340248	25.054	ng/u1	100
25) 2-Nitrophenol	9.705	139	83777	26.573	ng/u1	100
26) 2,4-Dimethylphenol	9.781	107	172922	23.248	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.999	93	198088	24.683	ng/u1	100
29) 2,4-Dichlorophenol	10.258	162	143048	23.309	ng/u1	100
30) Naphthalene	10.640	128	461206	21.845	ng/u1	100
32) 4-Chloroaniline	10.746	127	181817	22.475	ng/u1	100
33) Hexachlorobutadiene	10.934	225	104068	20.473	ng/u1	100
34) Caprolactam	11.528	113	47152	24.979	ng/u1	100
35) 4-Chloro-3-methylphenol	11.904	107	167155	26.381	ng/u1	100
36) 2-Methylnaphthalene	12.252	142	322599	23.113	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	318689	23.124	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.622	216	184932	20.121	ng/ul	100
40) Hexachlorocyclopentadiene	12.610	237	98938	20.166	ng/ul	100
41) 2,4,6-Trichlorophenol	12.875	196	120571	24.005	ng/ul	100
42) 2,4,5-Trichlorophenol	12.969	196	131608	23.622	ng/ul	100
43) 1,1'-Biphenyl	13.269	154	431950	21.529	ng/ul	100
44) 2-Chloronaphthalene	13.310	162	330994	20.625	ng/ul	100
45) 2-Nitroaniline	13.516	65	117438	28.013	ng/ul	100
47) Dimethylphthalate	13.893	163	438375	23.729	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	87796	27.274	ng/ul	100
50) Acenaphthylene	14.157	152	515342	21.903	ng/ul	100
51) 3-Nitroaniline	14.340	138	91299	25.991	ng/ul	100
52) Acenaphthene	14.504	153	364714	21.451	ng/ul	100
53) 2,4-Dinitrophenol	14.546	184	49324	27.630	ng/ul	100
55) 4-Nitrophenol	14.704	109	81917	23.535	ng/ul	100
56) Dibenzofuran	14.834	168	506756	21.627	ng/ul	100
57) 2,4-Dinitrotoluene	14.798	165	133136	27.887	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.069	232	108114	25.746	ng/ul	100
59) Diethylphthalate	15.263	149	455551	25.154	ng/ul	100
61) Fluorene	15.487	166	418226	22.292	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.481	204	213210	22.245	ng/ul	100
63) 4-Nitroaniline	15.504	138	94201	27.543	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.563	198	80830	26.446	ng/ul	100
67) N-Nitrosodiphenylamine	15.693	169	362823	22.225	ng/ul	100
68) 4-Bromophenyl-phenylether	16.375	248	128547	22.504	ng/ul	100
69) Hexachlorobenzene	16.492	284	136658	21.323	ng/ul	100
70) Atrazine	16.651	200	146070	23.828	ng/ul	100
71) Pentachlorophenol	16.840	266	90651	22.830	ng/ul	100
72) Phenanthrene	17.228	178	659240	21.301	ng/ul	100
74) Anthracene	17.316	178	668365	21.700	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.234	216	185645	20.252	ng/uL	100
76) Pentachlorobenzene	14.757	250	179262	20.476	ng/uL	100
77) Carbazole	17.587	167	608994	21.968	ng/ul	100
78) Di-n-butylphthalate	18.157	149	780866	27.250	ng/ul	100
80) Fluoranthene	19.239	202	773171	24.384	ng/ul	100
82) Pyrene	19.604	202	825337	24.097	ng/ul	100
83) Butylbenzylphthalate	20.510	149	355672	36.334	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.333	252	207695	22.554	ng/ul	100
85) Benzo(a)anthracene	21.410	228	770996	22.470	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	506526	34.758	ng/ul	100
87) Chrysene	21.475	228	725762	21.962	ng/ul	100
89) Di-n-octyl phthalate	22.486	149	848285	36.570	ng/ul	100
90) Benzo(b)fluoranthene	23.504	252	674239	24.287	ng/ul	100
91) Benzo(k)fluoranthene	23.563	252	661257	23.332	ng/ul	100
93) Benzo(a)pyrene	24.316	252	587917	22.350	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.880	276	610624	18.798	ng/ul	100
95) Dibenzo(a,h)anthracene	27.945	278	491264m	18.885	ng/ul	
96) Benzo(g,h,i)perylene	28.933	276	470469	18.479	ng/ul	100

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

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