

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
 Data File : BN036145.D
 Acq On : 30 Jan 2025 22:57
 Operator : RC/JU
 Sample : Q1162-04MSD 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2947MSD

Quant Time: Jan 31 07:35:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 30 17:36:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	117851	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	458392	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	312982	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	624717	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	580724	20.000	ng/u1	0.00
88) Perylene-d12	24.463	264	507066	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	12144	4.199	ng/uL	0.00
4) Pyridine-d5	3.675	84	83374	10.121	ng/u1	0.00
7) Phenol-d5	6.987	99	91151	9.334	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	198146	31.617	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	222032	29.040	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	164297	20.941	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	118863	32.299	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	139463	33.400	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	242970	32.227	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	278925	28.161	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	825162	34.960	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	839061	31.926	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	44293	10.874	ng/u1	0.00
60) Fluorene-d10	15.428	176	650415	32.920	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	153842	37.208	ng/u1	0.00
73) Anthracene-d10	17.281	188	1073824	35.385	ng/u1	0.00
81) Pyrene-d10	19.581	212	1270551	36.737	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.251	264	983137	36.873	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	17393	5.630	ng/uL#	1
5) Pyridine	3.693	79	90986	10.875	ng/u1	98
6) Benzaldehyde	6.934	77	129191	22.156	ng/u1	99
8) Phenol	7.016	94	102050	10.122	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.216	93	255436	32.239	ng/u1	96
12) 2-Chlorophenol	7.369	128	229279	29.419	ng/u1	96
13) 2-Methylphenol	8.258	108	182419	24.503	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	375558	31.053	ng/u1	98
16) Acetophenone	8.616	105	409918	32.046	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.605	70	218729	32.476	ng/u1	99
18) 4-Methylphenol	8.587	108	174664	21.503	ng/u1	91
19) Hexachloroethane	8.875	117	70195	19.496	ng/u1	94
22) Nitrobenzene	8.993	77	327297	32.269	ng/u1	97
23) Isophorone	9.522	82	603715	33.584	ng/u1	99
25) 2-Nitrophenol	9.705	139	146666	32.828	ng/u1	98
26) 2,4-Dimethylphenol	9.781	107	256947	28.228	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.005	93	344233	32.625	ng/u1	100
29) 2,4-Dichlorophenol	10.257	162	247018	32.521	ng/u1	97
30) Naphthalene	10.640	128	692534	28.081	ng/u1	99
32) 4-Chloroaniline	10.746	127	159256	16.658	ng/u1	99
33) Hexachlorobutadiene	10.934	225	135138	24.374	ng/u1	96
34) Caprolactam	11.534	113	13246	5.388	ng/u1	91
35) 4-Chloro-3-methylphenol	11.899	107	289007	33.121	ng/u1	99
36) 2-Methylnaphthalene	12.251	142	536126	31.013	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	544007	32.033	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.628	216	306177	30.616	ng/ul	97
40) Hexachlorocyclopentadiene	12.610	237	117658	21.078	ng/ul	94
41) 2,4,6-Trichlorophenol	12.869	196	218894	33.946	ng/ul	96
42) 2,4,5-Trichlorophenol	12.963	196	237590	34.048	ng/ul	97
43) 1,1'-Biphenyl	13.269	154	747538	32.177	ng/ul	100
44) 2-Chloronaphthalene	13.310	162	584557	32.004	ng/ul	96
45) 2-Nitroaniline	13.516	65	228669	36.718	ng/ul	99
47) Dimethylphthalate	13.898	163	856280	36.226	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	174203	37.369	ng/ul	99
50) Acenaphthylene	14.157	152	901500	32.597	ng/ul	99
51) 3-Nitroaniline	14.340	138	162187	34.722	ng/ul	93
52) Acenaphthene	14.504	153	659546	33.128	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	107539	36.714	ng/ul	87
55) 4-Nitrophenol	14.698	109	47844	11.016	ng/ul	95
56) Dibenzofuran	14.840	168	930751	33.770	ng/ul	96
57) 2,4-Dinitrotoluene	14.798	165	257928	36.977	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	209940	36.040	ng/ul	99
59) Diethylphthalate	15.263	149	850469	34.880	ng/ul	99
61) Fluorene	15.487	166	758217	33.923	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.481	204	383282	33.167	ng/ul	98
63) 4-Nitroaniline	15.510	138	183836	40.227	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.563	198	161268	36.731	ng/ul	95
67) N-Nitrosodiphenylamine	15.692	169	654545	34.521	ng/ul	99
68) 4-Bromophenyl-phenylether	16.375	248	237243	35.445	ng/ul	97
69) Hexachlorobenzene	16.492	284	249004	34.102	ng/ul	97
70) Atrazine	16.651	200	257592	34.469	ng/ul	96
71) Pentachlorophenol	16.839	266	179008	35.914	ng/ul	96
72) Phenanthrene	17.228	178	1233870	35.227	ng/ul	99
74) Anthracene	17.316	178	1235857	35.064	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	308584	31.739	ng/ul	96
76) Pentachlorobenzene	14.757	250	310108	32.647	ng/ul	97
77) Carbazole	17.586	167	1128135	36.487	ng/ul	97
78) Di-n-butylphthalate	18.151	149	1528329	37.109	ng/ul	99
80) Fluoranthene	19.245	202	1487745	36.825	ng/ul	97
82) Pyrene	19.610	202	1579919	36.889	ng/ul	100
83) Butylbenzylphthalate	20.510	149	677448	36.783	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.333	252	375659	36.628	ng/ul	98
85) Benzo(a)anthracene	21.410	228	1389504	34.802	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	973660	36.797	ng/ul	100
87) Chrysene	21.475	228	1371775	36.237	ng/ul	98
89) Di-n-octyl phthalate	22.486	149	1507759	36.184	ng/ul	100
90) Benzo(b)fluoranthene	23.504	252	1188449	35.446	ng/ul	99
91) Benzo(k)fluoranthene	23.569	252	1206345	36.135	ng/ul	99
93) Benzo(a)pyrene	24.321	252	1083815	36.985	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.880	276	1235038	38.735	ng/ul	98
95) Dibenzo(a,h)anthracene	27.945	278	993214	39.057	ng/ul	97
96) Benzo(g,h,i)perylene	28.951	276	964371	39.740	ng/ul	97

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

