

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
 Data File : BN036152.D
 Acq On : 31 Jan 2025 03:31
 Operator : RC/JU
 Sample : PB166343BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS343

Quant Time: Jan 31 07:37:26 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	100932	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	376340	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	235887	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	418445	20.000	ng/u1	0.00
79) Chrysene-d12	21.427	240	355916	20.000	ng/u1	0.00
88) Perylene-d12	24.457	264	358451	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	14990	6.052	ng/uL	0.00
4) Pyridine-d5	3.681	84	217290	30.799	ng/u1	0.00
7) Phenol-d5	6.987	99	248492	29.710	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	161760	30.138	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	198121	30.256	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	190945	28.418	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	89998	29.787	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	102824	29.994	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	184568	29.818	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	212872	26.178	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	492654	27.694	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	565722	28.561	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	82692	26.935	ng/u1	-0.01
60) Fluorene-d10	15.428	176	422696	28.387	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	82959	29.955	ng/u1	0.00
73) Anthracene-d10	17.281	188	621253	30.563	ng/u1	0.00
81) Pyrene-d10	19.575	212	639323	30.161	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.251	264	563797	29.913	ng/u1	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.299	88	31552	11.926	ng/uL	91
5) Pyridine	3.705	79	223007	31.122	ng/u1	97
6) Benzaldehyde	6.934	77	14993	3.002	ng/u1	95
8) Phenol	7.016	94	265702	30.771	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.216	93	207097	30.520	ng/u1	97
12) 2-Chlorophenol	7.369	128	209386	31.370	ng/u1	97
13) 2-Methylphenol	8.258	108	187015	29.331	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	310697	29.996	ng/u1	98
16) Acetophenone	8.616	105	300280	27.410	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.605	70	161010	27.914	ng/u1	98
18) 4-Methylphenol	8.581	108	200972	28.889	ng/u1	95
19) Hexachloroethane	8.875	117	92733	30.073	ng/u1	97
22) Nitrobenzene	8.993	77	249752	29.992	ng/u1	99
23) Isophorone	9.522	82	430307	29.157	ng/u1	99
25) 2-Nitrophenol	9.705	139	110457	30.113	ng/u1	99
26) 2,4-Dimethylphenol	9.775	107	218517	29.240	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.999	93	255727	29.521	ng/u1	97
29) 2,4-Dichlorophenol	10.252	162	190306	30.517	ng/u1	96
30) Naphthalene	10.640	128	601229	29.694	ng/u1	99
32) 4-Chloroaniline	10.746	127	111958	14.264	ng/u1	99
33) Hexachlorobutadiene	10.928	225	139724	30.696	ng/u1	97
34) Caprolactam	11.534	113	49432	24.493	ng/u1	90
35) 4-Chloro-3-methylphenol	11.899	107	200348	27.966	ng/u1	95
36) 2-Methylnaphthalene	12.251	142	403010	28.396	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	401901	28.825	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.622	216	231341	30.693	ng/ul	94
40) Hexachlorocyclopentadiene	12.610	237	122304	29.071	ng/ul	90
41) 2,4,6-Trichlorophenol	12.869	196	143907	29.611	ng/ul	98
42) 2,4,5-Trichlorophenol	12.957	196	156637	29.783	ng/ul	97
43) 1,1'-Biphenyl	13.269	154	525997	30.041	ng/ul	98
44) 2-Chloronaphthalene	13.310	162	416709	30.271	ng/ul	97
45) 2-Nitroaniline	13.510	65	137682	29.333	ng/ul	98
47) Dimethylphthalate	13.893	163	499893	28.061	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	104155	29.645	ng/ul	98
50) Acenaphthylene	14.157	152	607296	29.136	ng/ul	99
51) 3-Nitroaniline	14.340	138	91295	25.933	ng/ul	91
52) Acenaphthene	14.498	153	443651	29.567	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	60357	27.340	ng/ul	86
55) 4-Nitrophenol	14.687	109	87756	26.810	ng/ul	93
56) Dibenzofuran	14.834	168	609098	29.322	ng/ul	97
57) 2,4-Dinitrotoluene	14.798	165	149026	28.347	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.069	232	123777	28.193	ng/ul	99
59) Diethylphthalate	15.263	149	511890	27.855	ng/ul	99
61) Fluorene	15.487	166	483256	28.688	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.481	204	253027	29.051	ng/ul	95
63) 4-Nitroaniline	15.504	138	102234	29.683	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.563	198	88488	30.089	ng/ul	96
67) N-Nitrosodiphenylamine	15.692	169	403540	31.774	ng/ul	95
68) 4-Bromophenyl-phenylether	16.375	248	142313	31.744	ng/ul	90
69) Hexachlorobenzene	16.492	284	155925	31.881	ng/ul	95
70) Atrazine	16.645	200	144572	28.882	ng/ul	97
71) Pentachlorophenol	16.839	266	105056	31.467	ng/ul	98
72) Phenanthrene	17.222	178	706185	30.101	ng/ul	99
74) Anthracene	17.316	178	721297	30.552	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	224094	34.411	ng/uL	96
76) Pentachlorobenzene	14.757	250	204300	32.110	ng/uL	96
77) Carbazole	17.587	167	652557	31.509	ng/ul	98
78) Di-n-butylphthalate	18.151	149	882578	31.994	ng/ul	99
80) Fluoranthene	19.239	202	789867	31.900	ng/ul	98
82) Pyrene	19.604	202	817794	31.155	ng/ul	100
83) Butylbenzylphthalate	20.510	149	341404	30.246	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.333	252	200182	31.847	ng/ul	93
85) Benzo(a)anthracene	21.410	228	730795	29.865	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.339	149	487928	30.087	ng/ul	100
87) Chrysene	21.475	228	700345	30.186	ng/ul	98
89) Di-n-octyl phthalate	22.486	149	783912	26.613	ng/ul	100
90) Benzo(b)fluoranthene	23.492	252	685943	28.941	ng/ul	99
91) Benzo(k)fluoranthene	23.557	252	672090	28.478	ng/ul	99
93) Benzo(a)pyrene	24.316	252	619160	29.889	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.868	276	836215	37.100	ng/ul	99
95) Dibenzo(a,h)anthracene	27.933	278	679599	37.805	ng/ul	97
96) Benzo(g,h,i)perylene	28.945	276	669860	39.049	ng/ul	98

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

