

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010325\
 Data File : BN035887.D
 Acq On : 03 Jan 2025 13:43
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV244

Quant Time: Jan 03 14:51:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 03 13:28:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	62224	20.000	ng/u1	0.00
20) Naphthalene-d8	10.625	136	226655	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.466	164	144985	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.207	188	285783	20.000	ng/u1	0.00
79) Chrysene-d12	21.454	240	300652	20.000	ng/u1	0.00
88) Perylene-d12	24.501	264	316931	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.278	96	11519	7.614	ng/uL	0.00
4) Pyridine-d5	3.684	84	83353	19.922	ng/u1	0.00
7) Phenol-d5	6.978	99	96579	21.453	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.155	67	67489	23.623	ng/u1	0.00
11) 2-Chlorophenol-d4	7.360	132	79223	22.086	ng/u1	0.00
15) 4-Methylphenol-d8	8.525	113	75758	21.820	ng/u1	0.00
21) Nitrobenzene-d5	8.978	128	35609	22.775	ng/u1	0.00
24) 2-Nitrophenol-d4	9.702	143	33078	23.479	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.243	165	74864	22.747	ng/u1	0.00
31) 4-Chloroaniline-d4	10.749	131	102702	22.019	ng/u1	0.00
46) Dimethylphthalate-d6	13.878	166	212216	22.069	ng/u1	0.00
49) Acenaphthylene-d8	14.160	160	249456	21.005	ng/u1	0.00
54) 4-Nitrophenol-d4	14.642	143	35984	21.204	ng/u1	0.00
60) Fluorene-d10	15.460	176	179470	20.504	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.566	200	23798	19.066	ng/u1	0.00
73) Anthracene-d10	17.307	188	288171	20.671	ng/u1	0.00
81) Pyrene-d10	19.601	212	338572	22.188	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.295	264	330120	21.393	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	12530	7.556	ng/uL	91
5) Pyridine	3.708	79	74677	17.389	ng/u1	97
6) Benzaldehyde	6.961	77	59084	22.033	ng/u1	95
8) Phenol	7.008	94	96026	20.099	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.249	93	73999	20.082	ng/u1	97
12) 2-Chlorophenol	7.390	128	76055	20.172	ng/u1	97
13) 2-Methylphenol	8.260	108	68090	19.917	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.355	45	107662	20.558	ng/u1	99
16) Acetophenone	8.643	105	120936	20.552	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.637	70	59487	21.991	ng/u1	98
18) 4-Methylphenol	8.590	108	74009	20.242	ng/u1	93
19) Hexachloroethane	8.913	117	34672	19.360	ng/u1	89
22) Nitrobenzene	9.019	77	90866	20.288	ng/u1	92
23) Isophorone	9.549	82	154670	20.964	ng/u1	99
25) 2-Nitrophenol	9.737	139	36865	22.034	ng/u1	96
26) 2,4-Dimethylphenol	9.796	107	73194	17.819	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.037	93	91511	20.799	ng/u1	100
29) 2,4-Dichlorophenol	10.266	162	69237	20.334	ng/u1	99
30) Naphthalene	10.678	128	234018	19.607	ng/u1	98
32) 4-Chloroaniline	10.778	127	94319	20.959	ng/u1	100
33) Hexachlorobutadiene	10.978	225	55252	19.057	ng/u1	98
34) Caprolactam	11.525	113	20199	20.245	ng/u1	88
35) 4-Chloro-3-methylphenol	11.896	107	73540	21.724	ng/u1	99
36) 2-Methylnaphthalene	12.290	142	157837	20.275	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.507	142	151249	19.718	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.660	216	93037	18.540	ng/ul	95
40) Hexachlorocyclopentadiene	12.648	237	44966	16.927	ng/ul	92
41) 2,4,6-Trichlorophenol	12.896	196	52411	20.021	ng/ul	99
42) 2,4,5-Trichlorophenol	12.960	196	58504	19.989	ng/ul	99
43) 1,1'-Biphenyl	13.301	154	210923	19.644	ng/ul	97
44) 2-Chloronaphthalene	13.343	162	166001	19.027	ng/ul	97
45) 2-Nitroaniline	13.531	65	43610	21.121	ng/ul	96
47) Dimethylphthalate	13.925	163	194350	19.937	ng/ul	99
48) 2,6-Dinitrotoluene	14.037	165	38856	24.312	ng/ul#	81
50) Acenaphthylene	14.190	152	254037	20.053	ng/ul	97
51) 3-Nitroaniline	14.354	138	39189	22.101	ng/ul	100
52) Acenaphthene	14.531	153	173507	18.996	ng/ul	94
53) 2,4-Dinitrophenol	14.560	184	13854	16.747	ng/ul	94
55) 4-Nitrophenol	14.654	109	34403	18.953	ng/ul	92
56) Dibenzofuran	14.866	168	246071	19.492	ng/ul	95
57) 2,4-Dinitrotoluene	14.819	165	51714	21.832	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.089	232	49657	22.999	ng/ul	99
59) Diethylphthalate	15.295	149	191184	20.384	ng/ul	99
61) Fluorene	15.513	166	194233	19.245	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.513	204	97981	19.125	ng/ul	99
63) 4-Nitroaniline	15.513	138	42414	24.323	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.578	198	26395	18.609	ng/ul#	98
67) N-Nitrosodiphenylamine	15.719	169	163458	19.505	ng/ul	98
68) 4-Bromophenyl-phenylether	16.407	248	59101	20.250	ng/ul	92
69) Hexachlorobenzene	16.519	284	66022	19.785	ng/ul	97
70) Atrazine	16.672	200	60295	19.695	ng/ul	97
71) Pentachlorophenol	16.854	266	38964	19.666	ng/ul	96
72) Phenanthrene	17.248	178	305240	19.088	ng/ul	99
74) Anthracene	17.342	178	314937	19.746	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.266	216	88844	18.551	ng/uL	99
76) Pentachlorobenzene	14.790	250	81373	17.869	ng/uL	97
77) Carbazole	17.607	167	278097	19.533	ng/ul	99
78) Di-n-butylphthalate	18.189	149	297015	21.453	ng/ul	99
80) Fluoranthene	19.266	202	361817	20.447	ng/ul	98
82) Pyrene	19.625	202	390184	20.204	ng/ul	99
83) Butylbenzylphthalate	20.536	149	98292	21.608	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.354	252	119488	22.938	ng/ul	96
85) Benzo(a)anthracene	21.436	228	394036	20.131	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.383	149	158156	22.677	ng/ul	98
87) Chrysene	21.495	228	368352	19.352	ng/ul	99
89) Di-n-octyl phthalate	22.548	149	243720	20.005	ng/ul	100
90) Benzo(b)fluoranthene	23.542	252	359480	19.780	ng/ul	97
91) Benzo(k)fluoranthene	23.601	252	382157	20.573	ng/ul	94
93) Benzo(a)pyrene	24.365	252	354643	20.124	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.954	276	431349	19.125	ng/ul	99
95) Dibenzo(a,h)anthracene	28.012	278	333905	18.422	ng/ul	99
96) Benzo(g,h,i)perylene	29.024	276	329045	18.539	ng/ul	96

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

