

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090821\
 Data File : BN016250.D
 Acq On : 08 Sep 2021 19:45
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV214

Quant Time: Sep 08 20:14:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN090821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 08 19:47:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	172951	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	727674	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	482487	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1004801	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	1014870	20.000	ng/u1	0.00
88) Perylene-d12	23.821	264	1055283	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	26207	7.907	ng/uL	0.00
4) Pyridine-d5	3.705	84	180129	18.647	ng/u1	0.00
7) Phenol-d5	7.016	99	247833	18.992	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	134070	19.270	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	216772	19.599	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	204365	19.428	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	106427	20.044	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	119607	20.111	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	215138	19.822	ng/u1	0.00
31) 4-Chloroaniline-d4	10.787	131	291552	19.583	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	618939	19.981	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	797218	19.645	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	113530	19.021	ng/u1	0.00
60) Fluorene-d10	15.486	176	543708	19.911	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	102013	18.612	ng/u1	0.00
73) Anthracene-d10	17.339	188	858776	19.690	ng/u1	0.00
81) Pyrene-d10	19.633	212	971289	20.185	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.663	264	1014514	19.635	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	28951	7.758	ng/uL#	86
5) Pyridine	3.728	79	180989	18.849	ng/u1	98
6) Benzaldehyde	6.987	77	153457	19.622	ng/u1	98
8) Phenol	7.046	94	252201	18.968	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.275	93	194273	19.258	ng/u1	98
12) 2-Chlorophenol	7.410	128	217477	19.558	ng/u1	100
13) 2-Methylphenol	8.293	108	196208	19.092	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	256796	19.275	ng/u1	99
16) Acetophenone	8.669	105	310795	19.432	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.657	70	147782	19.944	ng/u1	98
18) 4-Methylphenol	8.622	108	215345	19.381	ng/u1	95
19) Hexachloroethane	8.928	117	85961	19.576	ng/u1	93
22) Nitrobenzene	9.052	77	218390	20.183	ng/u1	98
23) Isophorone	9.575	82	415856	19.780	ng/u1	99
25) 2-Nitrophenol	9.763	139	128609	20.259	ng/u1	97
26) 2,4-Dimethylphenol	9.828	107	230439	19.481	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.063	93	263904	19.828	ng/u1	99
29) 2,4-Dichlorophenol	10.299	162	212468	19.911	ng/u1	97
30) Naphthalene	10.698	128	691168	19.464	ng/u1	99
32) 4-Chloroaniline	10.816	127	298045	19.687	ng/u1	99
33) Hexachlorobutadiene	10.987	225	144186	20.261	ng/u1	98
34) Caprolactam	11.569	113	69746	19.228	ng/u1	89
35) 4-Chloro-3-methylphenol	11.945	107	218989	19.845	ng/u1	98
36) 2-Methylnaphthalene	12.316	142	479507	19.800	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	486397	19.648	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.687	216	266184	19.640	ng/ul	99
40) Hexachlorocyclopentadiene	12.663	237	149687	19.262	ng/ul	93
41) 2,4,6-Trichlorophenol	12.928	196	169226	19.483	ng/ul	96
42) 2,4,5-Trichlorophenol	12.998	196	188544	20.064	ng/ul	93
43) 1,1'-Biphenyl	13.328	154	640701	19.670	ng/ul	96
44) 2-Chloronaphthalene	13.369	162	496608	19.233	ng/ul	99
45) 2-Nitroaniline	13.569	65	132624	20.205	ng/ul	96
47) Dimethylphthalate	13.945	163	609704	19.685	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	130758	19.900	ng/ul	97
50) Acenaphthylene	14.210	152	817409	19.498	ng/ul	97
51) 3-Nitroaniline	14.398	138	138045	18.980	ng/ul	98
52) Acenaphthene	14.557	153	525434	19.639	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	61334	17.430	ng/ul	93
55) 4-Nitrophenol	14.710	109	79501	19.924	ng/ul	94
56) Dibenzofuran	14.892	168	766702	19.831	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	191354	20.207	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.122	232	157665	20.467	ng/ul	99
59) Diethylphthalate	15.310	149	614698	20.064	ng/ul	97
61) Fluorene	15.539	166	618625	19.826	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.534	204	315348	19.884	ng/ul	98
63) 4-Nitroaniline	15.557	138	146541	19.372	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.622	198	96221	18.575	ng/ul	97
67) N-Nitrosodiphenylamine	15.745	169	535432	19.599	ng/ul	100
68) 4-Bromophenyl-phenylether	16.428	248	194038	19.832	ng/ul	96
69) Hexachlorobenzene	16.545	284	228216	20.036	ng/ul	96
70) Atrazine	16.698	200	204477	19.952	ng/ul	96
71) Pentachlorophenol	16.892	266	105371	18.136	ng/ul	100
72) Phenanthrene	17.281	178	1002599	19.930	ng/ul	99
74) Anthracene	17.375	178	1007977	19.495	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	270642	19.080	ng/ul	95
76) Pentachlorobenzene	14.810	250	270077	19.244	ng/ul	98
77) Carbazole	17.645	167	909668	19.789	ng/ul	98
78) Di-n-butylphthalate	18.210	149	1070364	19.903	ng/ul	100
80) Fluoranthene	19.298	202	1184654	20.022	ng/ul	99
82) Pyrene	19.663	202	1215107	19.936	ng/ul	98
83) Butylbenzylphthalate	20.563	149	484433	19.825	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.345	252	440298	21.511	ng/ul	99
85) Benzo(a)anthracene	21.416	228	1188176	19.554	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	717279	20.103	ng/ul	96
87) Chrysene	21.469	228	1143797	19.313	ng/ul	99
89) Di-n-octyl phthalate	22.263	149	1252140	19.686	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	1257954	20.142	ng/ul	100
91) Benzo(k)fluoranthene	23.139	252	1142236	19.905	ng/ul	98
93) Benzo(a)pyrene	23.710	252	1179325	19.542	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.298	276	1343165	19.764	ng/ul	97
95) Dibenzo(a,h)anthracene	26.304	278	1141708	19.516	ng/ul	98
96) Benzo(g,h,i)perylene	27.051	276	1154107	20.034	ng/ul	98

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

