

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\
 Data File : BN017235.D
 Acq On : 02 Nov 2021 11:22
 Operator : CG/JU
 Sample : SSTD00536
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005236

Quant Time: Nov 02 15:53:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN110221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 02 15:36:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.511	152	272439	20.000	ng/ul	0.00
20) Naphthalene-d8	10.287	136	1304394	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.169	164	898480	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.922	188	1953371	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	2071196	20.000	ng/ul	0.00
88) Perylene-d12	23.339	264	2176826	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	13429	1.786	ng/uL	0.00
4) Pyridine-d5	3.440	84	75390	3.742	ng/ul	0.01
7) Phenol-d5	6.699	99	104245	4.118	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.864	67	69926	4.654	ng/ul	0.00
11) 2-Chlorophenol-d4	7.046	132	86789	4.359	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	87943	4.255	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	42432	4.200	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	45884	4.103	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	88772	4.333	ng/ul	0.00
31) 4-Chloroaniline-d4	10.434	131	131703	4.316	ng/ul	0.00
46) Dimethylphthalate-d6	13.593	166	319400	4.749	ng/ul	0.00
49) Acenaphthylene-d8	13.857	160	384287	4.532	ng/ul	0.00
54) 4-Nitrophenol-d4	14.393	143	49341	3.718	ng/ul	0.00
60) Fluorene-d10	15.169	176	278232	4.843	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	44199	3.494	ng/ul	0.00
73) Anthracene-d10	17.022	188	438313	4.648	ng/ul	0.00
81) Pyrene-d10	19.328	212	511527	4.211	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.192	264	519619	4.491	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.075	88	11984	1.611	ng/uL	95
5) Pyridine	3.458	79	82886	4.066	ng/ul	96
6) Benzaldehyde	6.664	77	70961	4.704	ng/ul	97
8) Phenol	6.728	94	108353	4.231	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.952	93	93812	4.662	ng/ul	99
12) 2-Chlorophenol	7.075	128	92152	4.476	ng/ul	99
13) 2-Methylphenol	7.963	108	83437	4.282	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.046	45	141871	4.806	ng/ul	99
16) Acetophenone	8.328	105	145511	4.751	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.316	70	72534	4.718	ng/ul	99
18) 4-Methylphenol	8.293	108	95388	4.431	ng/ul	98
19) Hexachloroethane	8.575	117	36077	4.550	ng/ul	89
22) Nitrobenzene	8.705	77	103468	4.555	ng/ul	96
23) Isophorone	9.222	82	202949	4.400	ng/ul	99
25) 2-Nitrophenol	9.410	139	51748	4.250	ng/ul	96
26) 2,4-Dimethylphenol	9.487	107	108561	4.449	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.722	93	135782	4.603	ng/ul	100
29) 2,4-Dichlorophenol	9.940	162	90513	4.448	ng/ul	97
30) Naphthalene	10.334	128	331379	4.669	ng/ul	100
32) 4-Chloroaniline	10.457	127	137780	4.564	ng/ul	99
33) Hexachlorobutadiene	10.622	225	57466	4.638	ng/ul	97
34) Caprolactam	11.193	113	30272	4.134	ng/ul	94
35) 4-Chloro-3-methylphenol	11.599	107	100503	4.439	ng/ul	99

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36) 2-Methylnaphthalene	11.957	142	232294	4.741	ng/ul	97
37) 1-Methylnaphthalene	12.181	142	240425	4.764	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.334	216	118521	4.526	ng/ul	98
40) Hexachlorocyclopentadiene	12.316	237	60409	3.630	ng/ul	96
41) 2,4,6-Trichlorophenol	12.587	196	77393	4.558	ng/ul	99
42) 2,4,5-Trichlorophenol	12.657	196	86603	4.580	ng/ul	97
43) 1,1'-Biphenyl	12.993	154	325693	4.682	ng/ul	97
44) 2-Chloronaphthalene	13.028	162	249000	4.700	ng/ul	97
45) 2-Nitroaniline	13.246	65	60217	4.175	ng/ul	97
47) Dimethylphthalate	13.640	163	321559	4.760	ng/ul	99
48) 2,6-Dinitrotoluene	13.757	165	53429	4.028	ng/ul	91
50) Acenaphthylene	13.881	152	414190	4.769	ng/ul	100
51) 3-Nitroaniline	14.087	138	56797	3.699	ng/ul	98
52) Acenaphthene	14.234	153	269084	4.792	ng/ul	100
53) 2,4-Dinitrophenol	14.293	184	23234	2.739	ng/ul	93
55) 4-Nitrophenol	14.404	109	36060	3.850	ng/ul	99
56) Dibenzofuran	14.569	168	393939	4.913	ng/ul	99
57) 2,4-Dinitrotoluene	14.551	165	83497	4.365	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.804	232	74129	4.749	ng/ul	95
59) Diethylphthalate	15.016	149	322133	4.782	ng/ul	99
61) Fluorene	15.222	166	317042	5.016	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.228	204	156027	5.021	ng/ul	97
63) 4-Nitroaniline	15.251	138	58364	3.847	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.310	198	47083	3.731	ng/ul#	95
67) N-Nitrosodiphenylamine	15.445	169	276321	4.647	ng/ul	99
68) 4-Bromophenyl-phenylether	16.122	248	96458	4.634	ng/ul	98
69) Hexachlorobenzene	16.228	284	111377	4.598	ng/ul	98
70) Atrazine	16.404	200	94130	4.315	ng/ul	99
71) Pentachlorophenol	16.575	266	56619	3.893	ng/ul	94
72) Phenanthrene	16.963	178	522901	4.859	ng/ul	99
74) Anthracene	17.057	178	527035	4.836	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.951	216	126538	4.431	ng/uL	98
76) Pentachlorobenzene	14.487	250	135617	4.690	ng/uL	97
77) Carbazole	17.334	167	466586	4.849	ng/ul	99
78) Di-n-butylphthalate	17.916	149	521996	4.589	ng/ul	100
80) Fluoranthene	18.992	202	606898	4.184	ng/ul	97
82) Pyrene	19.357	202	642722	4.329	ng/ul	97
83) Butylbenzylphthalate	20.292	149	234991	4.251	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.063	252	196156	4.254	ng/ul	98
85) Benzo(a)anthracene	21.122	228	641310	4.704	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.080	149	372241	4.461	ng/ul	99
87) Chrysene	21.175	228	621685	4.626	ng/ul	96
89) Di-n-octyl phthalate	21.951	149	619773	3.895	ng/ul	100
90) Benzo(b)fluoranthene	22.674	252	650791	4.428	ng/ul	98
91) Benzo(k)fluoranthene	22.716	252	640114	4.478	ng/ul	100
93) Benzo(a)pyrene	23.233	252	635558	4.495	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.539	276	732052	5.075	ng/ul	98
95) Dibenzo(a,h)anthracene	25.557	278	625367	5.129	ng/ul	99
96) Benzo(g,h,i)perylene	26.210	276	630292	5.218	ng/ul	99

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

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