

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082321\
 Data File : BN016011.D
 Acq On : 23 Aug 2021 15:33
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020264

Quant Time: Aug 23 16:32:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 23 10:52:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	271135	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	1370632	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	881364	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1826845	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	1864302	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	1898544	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	46115	6.625	ng/uL	0.00
4) Pyridine-d5	3.728	84	320570	16.479	ng/u1	0.00
7) Phenol-d5	7.034	99	420284	17.136	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	296606	19.642	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	303864	17.412	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	353624	18.538	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	178247	17.669	ng/u1	0.00
24) 2-Nitrophenol-d4	9.758	143	152134	16.113	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	340260	16.654	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	496858	15.976	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	1075057	16.644	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	1349094	16.678	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	171210	14.986	ng/u1	0.00
60) Fluorene-d10	15.504	176	938351	16.654	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	128756	13.197	ng/u1	0.00
73) Anthracene-d10	17.357	188	1439433	16.811	ng/u1	0.00
81) Pyrene-d10	19.651	212	1582748	15.762	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	1668882	16.258	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	45077	6.300	ng/uL	89
5) Pyridine	3.746	79	330200	16.464	ng/u1	97
6) Benzaldehyde	7.011	77	315568	25.007	ng/u1	97
8) Phenol	7.058	94	440820	17.631	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.293	93	383008	19.554	ng/u1	98
12) 2-Chlorophenol	7.434	128	309611	17.260	ng/u1	99
13) 2-Methylphenol	8.311	108	336974	18.399	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.399	45	545225	21.796	ng/u1	98
16) Acetophenone	8.693	105	636632	20.681	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.681	70	322585	21.460	ng/u1	98
18) 4-Methylphenol	8.640	108	378773	19.324	ng/u1	94
19) Hexachloroethane	8.952	117	146525	17.988	ng/u1	96
22) Nitrobenzene	9.075	77	513649	18.007	ng/u1	98
23) Isophorone	9.599	82	900648	18.148	ng/u1	99
25) 2-Nitrophenol	9.787	139	174107	16.910	ng/u1	98
26) 2,4-Dimethylphenol	9.846	107	415505	15.109	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.087	93	553677	18.164	ng/u1	98
29) 2,4-Dichlorophenol	10.322	162	329699	16.367	ng/u1	98
30) Naphthalene	10.728	128	1236628	16.846	ng/u1	98
32) 4-Chloroaniline	10.834	127	497051	16.189	ng/u1	97
33) Hexachlorobutadiene	11.016	225	247981	16.022	ng/u1	95
34) Caprolactam	11.599	113	99581	15.778	ng/u1	95
35) 4-Chloro-3-methylphenol	11.957	107	399227	16.732	ng/u1	98
36) 2-Methylnaphthalene	12.340	142	896358	17.559	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	880776	17.334	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.704	216	462616	16.225	ng/ul	98
40) Hexachlorocyclopentadiene	12.687	237	253697	13.724	ng/ul	99
41) 2,4,6-Trichlorophenol	12.946	196	253850	16.282	ng/ul	97
42) 2,4,5-Trichlorophenol	13.010	196	281802	16.556	ng/ul	98
43) 1,1'-Biphenyl	13.346	154	1155686	16.957	ng/ul	99
44) 2-Chloronaphthalene	13.387	162	896715	17.040	ng/ul	97
45) 2-Nitroaniline	13.593	65	236914	15.888	ng/ul	97
47) Dimethylphthalate	13.969	163	1065729	16.644	ng/ul	98
48) 2,6-Dinitrotoluene	14.087	165	196751	16.967	ng/ul	95
50) Acenaphthylene	14.234	152	1316068	17.115	ng/ul	99
51) 3-Nitroaniline	14.416	138	200484	16.080	ng/ul	99
52) Acenaphthene	14.575	153	936891	16.844	ng/ul	98
53) 2,4-Dinitrophenol	14.616	184	70122	10.883	ng/ul	96
55) 4-Nitrophenol	14.716	109	161856	14.479	ng/ul	94
56) Dibenzofuran	14.910	168	1335560	17.368	ng/ul	96
57) 2,4-Dinitrotoluene	14.869	165	297900	17.836	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.140	232	226641	16.091	ng/ul#	97
59) Diethylphthalate	15.334	149	1055136	16.480	ng/ul	99
61) Fluorene	15.557	166	1093986	17.434	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	556323	17.002	ng/ul	96
63) 4-Nitroaniline	15.575	138	206545	17.290	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.634	198	131159	13.516	ng/ul#	97
67) N-Nitrosodiphenylamine	15.769	169	876826	16.444	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	328684	16.766	ng/ul	93
69) Hexachlorobenzene	16.563	284	379874	16.582	ng/ul	97
70) Atrazine	16.716	200	274028	14.169	ng/ul	99
71) Pentachlorophenol	16.910	266	159430	12.405	ng/ul	96
72) Phenanthrene	17.298	178	1707681	17.195	ng/ul	99
74) Anthracene	17.392	178	1750269	17.262	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	461235	16.029	ng/uL	100
76) Pentachlorobenzene	14.834	250	448182	16.001	ng/uL	98
77) Carbazole	17.663	167	1448668	16.250	ng/ul	99
78) Di-n-butylphthalate	18.228	149	1623915	16.021	ng/ul	99
80) Fluoranthene	19.316	202	1970871	16.222	ng/ul	99
82) Pyrene	19.681	202	2061317	16.302	ng/ul	99
83) Butylbenzylphthalate	20.580	149	562674	13.232	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.363	252	488721	12.802	ng/ul	99
85) Benzo(a)anthracene	21.433	228	2017242	16.817	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.363	149	976350	14.478	ng/ul	98
87) Chrysene	21.486	228	1973384	16.992	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	1595780	13.280	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	2017286	16.162	ng/ul	96
91) Benzo(k)fluoranthene	23.163	252	2089568	16.814	ng/ul	98
93) Benzo(a)pyrene	23.745	252	1885389	16.687	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.339	276	2392682	17.079	ng/ul	97
95) Dibenzo(a,h)anthracene	26.351	278	1988453	17.192	ng/ul	99
96) Benzo(g,h,i)perylene	27.098	276	1958695	16.909	ng/ul	96

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

