

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
 Data File : BN015983.D
 Acq On : 20 Aug 2021 12:20
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020260

Quant Time: Aug 20 13:23:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 20 04:24:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	285319	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	1183821	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	743633	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	1605943	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	1699336	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	1660727	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	52449	7.161	ng/uL	0.00
4) Pyridine-d5	3.728	84	360180	17.595	ng/u1	0.00
7) Phenol-d5	7.034	99	451051	17.477	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	266260	16.756	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	346596	18.873	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	360961	17.982	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	163143	18.724	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	171571	21.040	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	348007	19.721	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	480380	17.884	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	1012357	18.576	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	1218825	17.858	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	179290	18.600	ng/u1	0.00
60) Fluorene-d10	15.504	176	874014	18.385	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	150077	17.498	ng/u1	0.00
73) Anthracene-d10	17.357	188	1324276	17.593	ng/u1	0.00
81) Pyrene-d10	19.651	212	1542003	16.847	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	1627920	18.130	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	53806	7.146	ng/uL	91
5) Pyridine	3.746	79	365871	17.335	ng/u1	97
6) Benzaldehyde	7.011	77	206434	15.546	ng/u1	96
8) Phenol	7.058	94	469386	17.841	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.293	93	372403	18.067	ng/u1	97
12) 2-Chlorophenol	7.434	128	360852	19.116	ng/u1	98
13) 2-Methylphenol	8.310	108	346944	18.002	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.405	45	462638	17.575	ng/u1	99
16) Acetophenone	8.693	105	565431	17.455	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.681	70	290262	18.349	ng/u1	96
18) 4-Methylphenol	8.640	108	372960	18.081	ng/u1	92
19) Hexachloroethane	8.952	117	156759	18.287	ng/u1	94
22) Nitrobenzene	9.075	77	449290	18.236	ng/u1	99
23) Isophorone	9.599	82	803804	18.753	ng/u1	99
25) 2-Nitrophenol	9.787	139	191343	21.517	ng/u1	99
26) 2,4-Dimethylphenol	9.846	107	428748	18.051	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.087	93	484530	18.404	ng/u1	96
29) 2,4-Dichlorophenol	10.322	162	334732	19.239	ng/u1	98
30) Naphthalene	10.728	128	1160144	18.298	ng/u1	97
32) 4-Chloroaniline	10.834	127	475452	17.929	ng/u1	98
33) Hexachlorobutadiene	11.016	225	243884	18.244	ng/u1	95
34) Caprolactam	11.587	113	106965	19.622	ng/u1	97
35) 4-Chloro-3-methylphenol	11.957	107	404300	19.618	ng/u1	99
36) 2-Methylnaphthalene	12.334	142	790394	17.927	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	760296	17.324	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.704	216	433814	18.033	ng/ul	97
40) Hexachlorocyclopentadiene	12.687	237	253591	16.259	ng/ul	99
41) 2,4,6-Trichlorophenol	12.946	196	266094	20.229	ng/ul	94
42) 2,4,5-Trichlorophenol	13.016	196	285679	19.892	ng/ul	97
43) 1,1'-Biphenyl	13.346	154	1025149	17.828	ng/ul	98
44) 2-Chloronaphthalene	13.387	162	828707	18.664	ng/ul	96
45) 2-Nitroaniline	13.593	65	250551	19.915	ng/ul	99
47) Dimethylphthalate	13.969	163	1037179	19.198	ng/ul	98
48) 2,6-Dinitrotoluene	14.087	165	203945	20.845	ng/ul	93
50) Acenaphthylene	14.234	152	1226158	18.899	ng/ul	99
51) 3-Nitroaniline	14.416	138	174624	16.600	ng/ul	100
52) Acenaphthene	14.575	153	857427	18.271	ng/ul	97
53) 2,4-Dinitrophenol	14.622	184	91000	16.740	ng/ul	92
55) 4-Nitrophenol	14.722	109	174842	18.537	ng/ul	92
56) Dibenzofuran	14.910	168	1215751	18.738	ng/ul	96
57) 2,4-Dinitrotoluene	14.869	165	302717	21.482	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.140	232	246389	20.733	ng/ul	99
59) Diethylphthalate	15.334	149	1046544	19.373	ng/ul	99
61) Fluorene	15.563	166	1018391	19.235	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.557	204	510561	18.493	ng/ul	97
63) 4-Nitroaniline	15.575	138	175367	17.399	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.634	198	159600	18.710	ng/ul#	99
67) N-Nitrosodiphenylamine	15.769	169	839809	17.916	ng/ul	98
68) 4-Bromophenyl-phenylether	16.451	248	313743	18.206	ng/ul	98
69) Hexachlorobenzene	16.563	284	385592	19.147	ng/ul	92
70) Atrazine	16.722	200	320422	18.846	ng/ul	97
71) Pentachlorophenol	16.910	266	191622	16.961	ng/ul	95
72) Phenanthrene	17.304	178	1629021	18.659	ng/ul	98
74) Anthracene	17.392	178	1653770	18.554	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.310	216	433793	17.149	ng/ul	98
76) Pentachlorobenzene	14.834	250	438071	17.791	ng/ul	93
77) Carbazole	17.663	167	1414802	18.054	ng/ul	99
78) Di-n-butylphthalate	18.234	149	1716761	19.267	ng/ul	99
80) Fluoranthene	19.322	202	1940638	17.524	ng/ul	99
82) Pyrene	19.686	202	1986531	17.235	ng/ul	96
83) Butylbenzylphthalate	20.586	149	774932	19.993	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.369	252	615643	17.692	ng/ul	97
85) Benzo(a)anthracene	21.439	228	1935587	17.703	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.369	149	1148683	18.687	ng/ul	98
87) Chrysene	21.486	228	1906177	18.007	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	1951088	18.562	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	2046200	18.741	ng/ul	99
91) Benzo(k)fluoranthene	23.169	252	2001772	18.414	ng/ul	99
93) Benzo(a)pyrene	23.751	252	1858904	18.808	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.345	276	2310166	18.851	ng/ul	99
95) Dibenzo(a,h)anthracene	26.363	278	1965730	19.430	ng/ul	97
96) Benzo(g,h,i)perylene	27.110	276	1908965	18.840	ng/ul	97

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

