

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015970.D
 Acq On : 19 Aug 2021 14:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020258

Quant Time: Aug 19 15:06:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 19 15:06:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	287264	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	1170772	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	724470	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1590172	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	1603842	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	1616564	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	57453	7.791	ng/uL	0.00
4) Pyridine-d5	3.734	84	409003	19.844	ng/u1	0.00
7) Phenol-d5	7.034	99	496649	19.113	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	294976	18.437	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	392888	21.249	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	394010	19.495	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	184421	21.402	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	201693	25.009	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	375710	21.529	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	532674	20.052	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	1129371	21.271	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	1355807	20.390	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	206658	22.007	ng/u1	0.00
60) Fluorene-d10	15.504	176	965233	20.841	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	182742	21.518	ng/u1	0.00
73) Anthracene-d10	17.357	188	1507091	20.220	ng/u1	0.00
81) Pyrene-d10	19.651	212	1682473	19.476	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	1773784	20.294	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	64081	8.453	ng/uL	91
5) Pyridine	3.752	79	407503	19.177	ng/u1	98
6) Benzaldehyde	7.010	77	230678	17.254	ng/u1	97
8) Phenol	7.057	94	520726	19.658	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.293	93	402622	19.401	ng/u1	96
12) 2-Chlorophenol	7.434	128	391241	20.586	ng/u1	100
13) 2-Methylphenol	8.316	108	375573	19.356	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.404	45	496922	18.750	ng/u1	98
16) Acetophenone	8.699	105	630741	19.339	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.681	70	317122	19.912	ng/u1	95
18) 4-Methylphenol	8.640	108	410399	19.762	ng/u1	92
19) Hexachloroethane	8.957	117	174433	20.211	ng/u1	85
22) Nitrobenzene	9.075	77	506555	20.789	ng/u1	99
23) Isophorone	9.598	82	895819	21.133	ng/u1	98
25) 2-Nitrophenol	9.787	139	219269	24.932	ng/u1	98
26) 2,4-Dimethylphenol	9.851	107	480394	20.450	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.087	93	535551	20.569	ng/u1	99
29) 2,4-Dichlorophenol	10.322	162	367120	21.336	ng/u1	97
30) Naphthalene	10.728	128	1278962	20.397	ng/u1	99
32) 4-Chloroaniline	10.834	127	522108	19.908	ng/u1	98
33) Hexachlorobutadiene	11.016	225	267659	20.245	ng/u1	96
34) Caprolactam	11.598	113	122557	22.733	ng/u1	96
35) 4-Chloro-3-methylphenol	11.957	107	444060	21.788	ng/u1	99
36) 2-Methylnaphthalene	12.340	142	885002	20.296	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	844024	19.446	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.704	216	485890	20.732	ng/ul	99
40) Hexachlorocyclopentadiene	12.687	237	299651	19.721	ng/ul	100
41) 2,4,6-Trichlorophenol	12.945	196	303066	23.649	ng/ul	95
42) 2,4,5-Trichlorophenol	13.016	196	317596	22.699	ng/ul	96
43) 1,1'-Biphenyl	13.345	154	1128186	20.139	ng/ul	97
44) 2-Chloronaphthalene	13.387	162	906705	20.961	ng/ul	97
45) 2-Nitroaniline	13.587	65	289643	23.631	ng/ul	97
47) Dimethylphthalate	13.969	163	1173527	22.297	ng/ul	98
48) 2,6-Dinitrotoluene	14.086	165	231827	24.322	ng/ul	89
50) Acenaphthylene	14.234	152	1344779	21.275	ng/ul	99
51) 3-Nitroaniline	14.410	138	198017	19.322	ng/ul	94
52) Acenaphthene	14.575	153	949760	20.774	ng/ul	97
53) 2,4-Dinitrophenol	14.616	184	118600	22.394	ng/ul	96
55) 4-Nitrophenol	14.722	109	199252	21.684	ng/ul	92
56) Dibenzofuran	14.910	168	1336917	21.151	ng/ul	100
57) 2,4-Dinitrotoluene	14.869	165	340662	24.814	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.133	232	285342	24.646	ng/ul	99
59) Diethylphthalate	15.333	149	1153311	21.914	ng/ul	97
61) Fluorene	15.557	166	1099040	21.308	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.557	204	585127	21.755	ng/ul	93
63) 4-Nitroaniline	15.575	138	194322	19.789	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.633	198	197283	23.357	ng/ul#	99
67) N-Nitrosodiphenylamine	15.769	169	935564	20.157	ng/ul	99
68) 4-Bromophenyl-phenylether	16.451	248	362559	21.247	ng/ul	97
69) Hexachlorobenzene	16.569	284	413314	20.727	ng/ul	92
70) Atrazine	16.722	200	360203	21.396	ng/ul	97
71) Pentachlorophenol	16.910	266	234694	20.979	ng/ul	95
72) Phenanthrene	17.304	178	1821361	21.069	ng/ul	99
74) Anthracene	17.392	178	1839190	20.839	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	463938	18.522	ng/ul	96
76) Pentachlorobenzene	14.834	250	492634	20.206	ng/ul	89
77) Carbazole	17.663	167	1558343	20.082	ng/ul	98
78) Di-n-butylphthalate	18.227	149	2014908	22.837	ng/ul	99
80) Fluoranthene	19.316	202	2133386	20.411	ng/ul	99
82) Pyrene	19.680	202	2216973	20.380	ng/ul	98
83) Butylbenzylphthalate	20.586	149	898466	24.561	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.368	252	678541	20.660	ng/ul	97
85) Benzo(a)anthracene	21.433	228	2147306	20.809	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.368	149	1311486	22.605	ng/ul#	94
87) Chrysene	21.486	228	2030717	20.325	ng/ul	100
89) Di-n-octyl phthalate	22.292	149	2217688	21.675	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	2165293	20.373	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	2105949	19.902	ng/ul	100
93) Benzo(a)pyrene	23.751	252	1963524	20.409	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.345	276	2523061	21.151	ng/ul	99
95) Dibenzo(a,h)anthracene	26.362	278	2091856	21.241	ng/ul	95
96) Benzo(g,h,i)perylene	27.109	276	2039346	20.677	ng/ul	98

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

