

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015890.D
 Acq On : 17 Aug 2021 08:58
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020252

Quant Time: Aug 17 09:41:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 16 16:09:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	419891	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1720816	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	1079761	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	2289015	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	2290287	20.000	ng/u1	0.00
88) Perylene-d12	23.904	264	2263557	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	84129	7.805	ng/uL	0.00
4) Pyridine-d5	3.746	84	570474	18.936	ng/u1	0.00
7) Phenol-d5	7.058	99	736238	19.384	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	455905	19.495	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	565939	20.940	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	589047	19.940	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	269783	21.301	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	274792	23.182	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	560785	21.862	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	784336	20.088	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	1705879	21.557	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	2063588	20.823	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	289921	20.714	ng/u1	0.00
60) Fluorene-d10	15.545	176	1478351	21.417	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	248543	20.331	ng/u1	0.00
73) Anthracene-d10	17.398	188	2273327	21.189	ng/u1	0.00
81) Pyrene-d10	19.692	212	2555056	20.712	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	2643315	21.598	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	84268	7.605	ng/uL	90
5) Pyridine	3.764	79	584103	18.805	ng/u1	97
6) Benzaldehyde	7.040	77	340092	17.403	ng/u1	96
8) Phenol	7.081	94	760213	19.634	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.322	93	619285	20.416	ng/u1	96
12) 2-Chlorophenol	7.463	128	580814	20.908	ng/u1	99
13) 2-Methylphenol	8.340	108	574103	20.242	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.434	45	777781	20.078	ng/u1	98
16) Acetophenone	8.728	105	968399	20.314	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.716	70	488339	20.977	ng/u1	98
18) 4-Methylphenol	8.669	108	608168	20.035	ng/u1	88
19) Hexachloroethane	8.987	117	270705	21.459	ng/u1	95
22) Nitrobenzene	9.105	77	785868	21.943	ng/u1	98
23) Isophorone	9.634	82	1361709	21.855	ng/u1	99
25) 2-Nitrophenol	9.822	139	305915	23.666	ng/u1	98
26) 2,4-Dimethylphenol	9.875	107	735184	21.293	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.122	93	823430	21.516	ng/u1	99
29) 2,4-Dichlorophenol	10.352	162	557479	22.043	ng/u1	97
30) Naphthalene	10.763	128	1986198	21.551	ng/u1	98
32) 4-Chloroaniline	10.869	127	783172	20.317	ng/u1	98
33) Hexachlorobutadiene	11.051	225	427460	21.998	ng/u1	95
34) Caprolactam	11.622	113	167333	21.118	ng/u1	98
35) 4-Chloro-3-methylphenol	11.993	107	668586	22.319	ng/u1	98
36) 2-Methylnaphthalene	12.375	142	1360057	21.221	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	1319271	20.680	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.746	216	757235	21.678	ng/ul	96
40) Hexachlorocyclopentadiene	12.722	237	466243	20.588	ng/ul	100
41) 2,4,6-Trichlorophenol	12.981	196	441622	23.121	ng/ul	98
42) 2,4,5-Trichlorophenol	13.046	196	466764	22.383	ng/ul	99
43) 1,1'-Biphenyl	13.387	154	1793062	21.475	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	1391083	21.577	ng/ul	96
45) 2-Nitroaniline	13.622	65	421360	23.065	ng/ul	99
47) Dimethylphthalate	14.004	163	1747140	22.272	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	338999	23.863	ng/ul	95
50) Acenaphthylene	14.269	152	2077900	22.057	ng/ul	99
51) 3-Nitroaniline	14.445	138	299605	19.615	ng/ul	95
52) Acenaphthene	14.616	153	1489703	21.862	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	166169	21.051	ng/ul	94
55) 4-Nitrophenol	14.751	109	303617	22.170	ng/ul	92
56) Dibenzofuran	14.951	168	2016521	21.405	ng/ul	96
57) 2,4-Dinitrotoluene	14.910	165	499546	24.414	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.175	232	418167	24.234	ng/ul	98
59) Diethylphthalate	15.375	149	1778251	22.670	ng/ul	99
61) Fluorene	15.598	166	1698504	22.094	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.592	204	890809	22.222	ng/ul	96
63) 4-Nitroaniline	15.610	138	290244	19.832	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.669	198	275206	22.635	ng/ul#	96
67) N-Nitrosodiphenylamine	15.804	169	1389182	20.793	ng/ul	96
68) 4-Bromophenyl-phenylether	16.486	248	544303	22.159	ng/ul	97
69) Hexachlorobenzene	16.604	284	639974	22.295	ng/ul	95
70) Atrazine	16.757	200	550480	22.716	ng/ul	98
71) Pentachlorophenol	16.945	266	347730	21.594	ng/ul	94
72) Phenanthrene	17.339	178	2705072	21.738	ng/ul	98
74) Anthracene	17.433	178	2741348	21.578	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	746176	20.695	ng/uL	93
76) Pentachlorobenzene	14.869	250	731411	20.840	ng/uL	97
77) Carbazole	17.698	167	2328323	20.845	ng/ul	99
78) Di-n-butylphthalate	18.269	149	2951255	23.238	ng/ul	100
80) Fluoranthene	19.357	202	3230214	21.642	ng/ul	99
82) Pyrene	19.722	202	3291400	21.188	ng/ul	96
83) Butylbenzylphthalate	20.622	149	1275472	24.416	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.404	252	925803	19.740	ng/ul	96
85) Benzo(a)anthracene	21.469	228	3121998	21.186	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	1934946	23.355	ng/ul	96
87) Chrysene	21.522	228	3040164	21.309	ng/ul	100
89) Di-n-octyl phthalate	22.333	149	3206692	22.383	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	3192238	21.451	ng/ul	96
91) Benzo(k)fluoranthene	23.216	252	3160320	21.329	ng/ul	97
93) Benzo(a)pyrene	23.798	252	2956101	21.944	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.421	276	3591896	21.504	ng/ul	98
95) Dibenzo(a,h)anthracene	26.445	278	2972191	21.554	ng/ul	96
96) Benzo(g,h,i)perylene	27.192	276	3010895	21.801	ng/ul	99

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

