

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010622\
 Data File : BN018347.D
 Acq On : 06 Jan 2022 11:09
 Operator : CG/JU
 Sample : SSTD02011
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020211

Quant Time: Jan 06 12:44:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 12:42:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	487458	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	2292061	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.240	164	1435359	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.981	188	2837547	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.180	240	2549327	20.000	ng/u1	# 0.00
88) Perylene-d12	23.398	264	2812986	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	99924	7.566	ng/uL	0.00
4) Pyridine-d5	3.464	84	796058	20.711	ng/u1	0.00
7) Phenol-d5	6.781	99	965047	20.247	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	637926	20.681	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	738033	22.488	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	776567	21.011	ng/u1	0.00
21) Nitrobenzene-d5	8.746	128	366243	25.687	ng/u1	0.00
24) 2-Nitrophenol-d4	9.463	143	387607	23.918	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.005	165	698268	17.947	ng/u1	0.00
31) 4-Chloroaniline-d4	10.516	131	1068863	20.948	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	2223095	20.498	ng/u1	0.00
49) Acenaphthylene-d8	13.928	160	2805919	20.975	ng/u1	0.00
54) 4-Nitrophenol-d4	14.451	143	407894	22.165	ng/u1	0.00
60) Fluorene-d10	15.234	176	1844447	19.509	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	319723	21.132	ng/u1	0.00
73) Anthracene-d10	17.081	188	2769746	20.828	ng/u1	0.00
81) Pyrene-d10	19.380	212	3008535	21.696	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.257	264	2891522	19.734	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	112095	8.257	ng/uL	99
5) Pyridine	3.481	79	832755	21.407	ng/u1	95
6) Benzaldehyde	6.734	77	634826	23.953	ng/u1	99
8) Phenol	6.805	94	1038986	21.204	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.028	93	845026	21.368	ng/u1	97
12) 2-Chlorophenol	7.163	128	774906	22.944	ng/u1	97
13) 2-Methylphenol	8.046	108	771856	21.399	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.134	45	1128466	20.930	ng/u1	97
16) Acetophenone	8.410	105	1278931	22.257	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.405	70	690317	21.977	ng/u1	93
18) 4-Methylphenol	8.375	108	866662	22.132	ng/u1	99
19) Hexachloroethane	8.663	117	317486	23.153	ng/u1#	75
22) Nitrobenzene	8.787	77	974663	22.768	ng/u1	97
23) Isophorone	9.310	82	1932940	19.331	ng/u1	98
25) 2-Nitrophenol	9.493	139	440822	23.848	ng/u1	99
26) 2,4-Dimethylphenol	9.569	107	956034	20.752	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.799	93	1186324	20.173	ng/u1	100
29) 2,4-Dichlorophenol	10.028	162	723614	18.902	ng/u1	98
30) Naphthalene	10.422	128	2627008	21.510	ng/u1	99
32) 4-Chloroaniline	10.540	127	1120462	21.688	ng/u1	98
33) Hexachlorobutadiene	10.722	225	380944	13.770	ng/u1	96
34) Caprolactam	11.275	113	257510	18.673	ng/u1	91
35) 4-Chloro-3-methylphenol	11.681	107	897523	20.510	ng/u1	98
36) 2-Methylnaphthalene	12.046	142	1766919	20.399	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	1839451	20.744	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.422	216	783048	16.347	ng/ul#	94
40) Hexachlorocyclopentadiene	12.410	237	428148	17.553	ng/ul	97
41) 2,4,6-Trichlorophenol	12.669	196	541212	18.019	ng/ul	95
42) 2,4,5-Trichlorophenol	12.740	196	574322	17.589	ng/ul	98
43) 1,1'-Biphenyl	13.069	154	2359600	21.984	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	1759843	21.023	ng/ul	92
45) 2-Nitroaniline	13.316	65	572691	30.713	ng/ul	99
47) Dimethylphthalate	13.704	163	2214590	20.918	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	443078	29.830	ng/ul	96
50) Acenaphthylene	13.957	152	2939056	22.210	ng/ul	99
51) 3-Nitroaniline	14.145	138	486321	27.973	ng/ul	92
52) Acenaphthene	14.304	153	1908397	22.110	ng/ul	100
53) 2,4-Dinitrophenol	14.357	184	197549	17.149	ng/ul	86
55) 4-Nitrophenol	14.469	109	341149	22.356	ng/ul	99
56) Dibenzofuran	14.640	168	2673188	20.688	ng/ul	92
57) 2,4-Dinitrotoluene	14.610	165	627614	26.095	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.869	232	451606	15.643	ng/ul#	75
59) Diethylphthalate	15.075	149	2333068	23.232	ng/ul	96
61) Fluorene	15.287	166	2094569	21.260	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.287	204	940997	17.585	ng/ul#	88
63) 4-Nitroaniline	15.310	138	465996	28.135	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.375	198	339055	22.206	ng/ul#	90
67) N-Nitrosodiphenylamine	15.504	169	1834874	23.242	ng/ul	99
68) 4-Bromophenyl-phenylether	16.181	248	570189	18.216	ng/ul#	90
69) Hexachlorobenzene	16.298	284	680907	18.841	ng/ul#	90
70) Atrazine	16.457	200	607840	20.285	ng/ul	93
71) Pentachlorophenol	16.639	266	375419	16.846	ng/ul	95
72) Phenanthrene	17.022	178	3423807	22.904	ng/ul	98
74) Anthracene	17.110	178	3390071	22.899	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	844746	18.989	ng/ul	99
76) Pentachlorobenzene	14.563	250	785296	18.178	ng/ul	96
77) Carbazole	17.386	167	3098880	24.923	ng/ul	98
78) Di-n-butylphthalate	17.969	149	3881907	28.870	ng/ul	99
80) Fluoranthene	19.045	202	3771779	24.289	ng/ul#	91
82) Pyrene	19.410	202	3704710	23.433	ng/ul#	86
83) Butylbenzylphthalate	20.328	149	1616910	44.262	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.098	252	1113289	23.076	ng/ul#	95
85) Benzo(a)anthracene	21.163	228	3499828	21.712	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.116	149	2502953	42.824	ng/ul#	95
87) Chrysene	21.210	228	3506508	22.552	ng/ul	97
89) Di-n-octyl phthalate	21.986	149	4294588	39.049	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	3639710	20.377	ng/ul#	95
91) Benzo(k)fluoranthene	22.774	252	3492209	20.770	ng/ul#	96
93) Benzo(a)pyrene	23.298	252	3568594	20.384	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.651	276	4071962	20.204	ng/ul#	91
95) Dibenzo(a,h)anthracene	25.668	278	3428037	20.246	ng/ul#	94
96) Benzo(g,h,i)perylene	26.345	276	3316655	18.982	ng/ul#	92

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

