

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011922\
 Data File : BN018414.D
 Acq On : 19 Jan 2022 12:49
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020280

Quant Time: Jan 19 13:57:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	389880	20.000	ng/u1	0.00
20) Naphthalene-d8	10.369	136	1766189	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.233	164	1051478	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.980	188	2164941	20.000	ng/u1	0.00
79) Chrysene-d12	21.174	240	2063990	20.000	ng/u1	# 0.00
88) Perylene-d12	23.392	264	2176244	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.057	96	67423	6.952	ng/uL	0.00
4) Pyridine-d5	3.463	84	618535	20.378	ng/u1	0.00
7) Phenol-d5	6.775	99	776214	20.485	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	492753	20.415	ng/u1	0.00
11) 2-Chlorophenol-d4	7.122	132	605812	21.827	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	623396	20.843	ng/u1	0.00
21) Nitrobenzene-d5	8.740	128	289298	21.992	ng/u1	0.00
24) 2-Nitrophenol-d4	9.457	143	321600	22.871	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.998	165	577267	22.596	ng/u1	0.00
31) 4-Chloroaniline-d4	10.510	131	823164	20.966	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	1773820	23.226	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	2187314	22.656	ng/u1	0.00
54) 4-Nitrophenol-d4	14.451	143	290019	19.900	ng/u1	0.00
60) Fluorene-d10	15.227	176	1441297	22.368	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	250907	20.482	ng/u1	0.00
73) Anthracene-d10	17.074	188	2135965	21.303	ng/u1	0.00
81) Pyrene-d10	19.374	212	2498237	21.100	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.251	264	2545370	23.501	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.093	88	77026	7.059	ng/uL	96
5) Pyridine	3.481	79	633855	20.079	ng/u1	92
6) Benzaldehyde	6.728	77	512879	21.311	ng/u1	99
8) Phenol	6.798	94	810024	20.511	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.022	93	661447	20.774	ng/u1	98
12) 2-Chlorophenol	7.157	128	630763	21.536	ng/u1	93
13) 2-Methylphenol	8.045	108	615691	20.723	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.122	45	810478	19.181	ng/u1	94
16) Acetophenone	8.404	105	989187	21.592	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.398	70	528224	21.103	ng/u1#	94
18) 4-Methylphenol	8.369	108	679066	21.302	ng/u1	96
19) Hexachloroethane	8.663	117	261671	21.541	ng/u1#	79
22) Nitrobenzene	8.781	77	774761	22.294	ng/u1	97
23) Isophorone	9.304	82	1515905	21.719	ng/u1	97
25) 2-Nitrophenol	9.487	139	353058	22.554	ng/u1	95
26) 2,4-Dimethylphenol	9.563	107	776599	22.370	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.792	93	914102	21.053	ng/u1	98
29) 2,4-Dichlorophenol	10.022	162	584923	22.605	ng/u1	96
30) Naphthalene	10.416	128	2012107	20.822	ng/u1	100
32) 4-Chloroaniline	10.534	127	846360	21.107	ng/u1	97
33) Hexachlorobutadiene	10.716	225	332391	23.556	ng/u1	99
34) Caprolactam	11.269	113	201412	19.801	ng/u1	89
35) 4-Chloro-3-methylphenol	11.675	107	738318	22.799	ng/u1	93
36) 2-Methylnaphthalene	12.039	142	1404886	21.788	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	1432223	21.345	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.422	216	649032	24.065	ng/ul#	91
40) Hexachlorocyclopentadiene	12.398	237	356767	23.032	ng/ul	97
41) 2,4,6-Trichlorophenol	12.663	196	435702	23.819	ng/ul	98
42) 2,4,5-Trichlorophenol	12.733	196	473872	24.439	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	1871477	22.854	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	1393647	22.776	ng/ul#	92
45) 2-Nitroaniline	13.310	65	446594	23.319	ng/ul	98
47) Dimethylphthalate	13.698	163	1781501	22.983	ng/ul	98
48) 2,6-Dinitrotoluene	13.816	165	347077	23.628	ng/ul	90
50) Acenaphthylene	13.951	152	2235569	21.973	ng/ul	99
51) 3-Nitroaniline	14.139	138	364879	22.095	ng/ul	93
52) Acenaphthene	14.298	153	1461660	21.802	ng/ul	98
53) 2,4-Dinitrophenol	14.351	184	154778	18.708	ng/ul#	81
55) 4-Nitrophenol	14.463	109	282267	22.670	ng/ul	85
56) Dibenzofuran	14.633	168	2059508	22.153	ng/ul#	88
57) 2,4-Dinitrotoluene	14.604	165	496776	23.505	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	14.869	232	363298	23.243	ng/ul#	77
59) Diethylphthalate	15.075	149	1845615	23.063	ng/ul	97
61) Fluorene	15.280	166	1571622	21.951	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.280	204	714803	22.328	ng/ul#	80
63) 4-Nitroaniline	15.304	138	320806	21.779	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.374	198	254297	20.365	ng/ul#	87
67) N-Nitrosodiphenylamine	15.498	169	1399141	20.851	ng/ul	97
68) 4-Bromophenyl-phenylether	16.174	248	476978	22.720	ng/ul#	84
69) Hexachlorobenzene	16.292	284	553835	22.007	ng/ul#	86
70) Atrazine	16.457	200	503279	22.871	ng/ul	95
71) Pentachlorophenol	16.639	266	308096	21.447	ng/ul	98
72) Phenanthrene	17.021	178	2614565	21.252	ng/ul	99
74) Anthracene	17.110	178	2520831	20.641	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	721662	23.345	ng/uL	93
76) Pentachlorobenzene	14.563	250	626267	21.669	ng/uL	99
77) Carbazole	17.380	167	2397337	22.302	ng/ul	97
78) Di-n-butylphthalate	17.963	149	3146614	23.812	ng/ul	99
80) Fluoranthene	19.039	202	3104103	21.629	ng/ul#	91
82) Pyrene	19.404	202	3094257	21.161	ng/ul#	92
83) Butylbenzylphthalate	20.327	149	1382206	22.803	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.098	252	982111	24.685	ng/ul#	93
85) Benzo(a)anthracene	21.157	228	2978965	22.049	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.109	149	2165115	23.483	ng/ul#	95
87) Chrysene	21.209	228	2842905	21.366	ng/ul	98
89) Di-n-octyl phthalate	21.986	149	3785369	24.274	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	3213394	23.033	ng/ul#	97
91) Benzo(k)fluoranthene	22.768	252	2936703	22.698	ng/ul#	97
93) Benzo(a)pyrene	23.298	252	3052779	22.946	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	25.650	276	3314162	22.524	ng/ul#	89
95) Dibenzo(a,h)anthracene	25.662	278	2851137	22.981	ng/ul#	93
96) Benzo(g,h,i)perylene	26.339	276	2878624	23.349	ng/ul	96

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

