

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031522\
 Data File : BN018941.D
 Acq On : 15 Mar 2022 10:20
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020299

Quant Time: Mar 15 13:11:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN031522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 15 13:09:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	249124	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	1079759	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	688378	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	1423790	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	1211708	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	969269	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	47544	7.633	ng/uL	0.00
4) Pyridine-d5	3.681	84	351726	18.454	ng/u1	0.00
7) Phenol-d5	7.046	99	452488	18.604	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	290352	19.820	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	347152	19.917	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	366488	18.531	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	175339	21.141	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	196045	21.514	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	356295	20.441	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	518768	19.765	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	1084434	20.807	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	1360006	20.964	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	191986	18.189	ng/u1	0.00
60) Fluorene-d10	15.516	176	892133	19.692	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	173606	19.675	ng/u1	0.00
73) Anthracene-d10	17.369	188	1390590	20.420	ng/u1	0.00
81) Pyrene-d10	19.657	212	1548833	23.620	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	1048703	20.760	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	52071	7.702	ng/uL	98
5) Pyridine	3.699	79	371295	18.889	ng/u1	100
6) Benzaldehyde	7.022	77	227990	18.407	ng/u1	97
8) Phenol	7.075	94	472990	18.587	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.305	93	383584	19.541	ng/u1	97
12) 2-Chlorophenol	7.452	128	365851	19.794	ng/u1	97
13) 2-Methylphenol	8.328	108	356808	18.782	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.428	45	578932	20.659	ng/u1	100
16) Acetophenone	8.710	105	581461	18.972	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.699	70	311039	19.913	ng/u1	99
18) 4-Methylphenol	8.663	108	392826	18.489	ng/u1	98
19) Hexachloroethane	8.981	117	150555	20.876	ng/u1	93
22) Nitrobenzene	9.093	77	446958	20.765	ng/u1	99
23) Isophorone	9.616	82	869655	21.141	ng/u1	99
25) 2-Nitrophenol	9.804	139	213700	21.101	ng/u1	99
26) 2,4-Dimethylphenol	9.869	107	442075	20.098	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.104	93	529620	20.395	ng/u1	98
29) 2,4-Dichlorophenol	10.346	162	360739	20.340	ng/u1	98
30) Naphthalene	10.751	128	1195111	20.085	ng/u1	99
32) 4-Chloroaniline	10.851	127	540955	19.863	ng/u1	97
33) Hexachlorobutadiene	11.046	225	233515	20.958	ng/u1	99
34) Caprolactam	11.598	113	72005	11.165	ng/u1	100
35) 4-Chloro-3-methylphenol	11.975	107	408815	19.684	ng/u1	98
36) 2-Methylnaphthalene	12.357	142	829576	19.830	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	838043	19.399	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.734	216	443934	21.093	ng/ul	98
40) Hexachlorocyclopentadiene	12.716	237	246884	19.966	ng/ul	97
41) 2,4,6-Trichlorophenol	12.963	196	289451	21.275	ng/ul	99
42) 2,4,5-Trichlorophenol	13.034	196	317962	21.158	ng/ul	94
43) 1,1'-Biphenyl	13.363	154	1135468	20.986	ng/ul	99
44) 2-Chloronaphthalene	13.410	162	862630	20.703	ng/ul	99
45) 2-Nitroaniline	13.604	65	267505	21.541	ng/ul	100
47) Dimethylphthalate	13.981	163	1079597	20.203	ng/ul	98
48) 2,6-Dinitrotoluene	14.098	165	221492	21.631	ng/ul	99
50) Acenaphthylene	14.251	152	1384025	20.399	ng/ul	99
51) 3-Nitroaniline	14.422	138	158000	15.929	ng/ul	93
52) Acenaphthene	14.592	153	885467	19.937	ng/ul	98
53) 2,4-Dinitrophenol	14.634	184	116856	17.851	ng/ul	92
55) 4-Nitrophenol	14.728	109	166249	18.293	ng/ul	98
56) Dibenzofuran	14.928	168	1288361	20.082	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	319163	20.709	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.151	232	256613	20.760	ng/ul	98
59) Diethylphthalate	15.345	149	1116740	20.998	ng/ul	98
61) Fluorene	15.575	166	1006759	19.932	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.569	204	514121	20.662	ng/ul	96
63) 4-Nitroaniline	15.581	138	127816	13.839	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.645	198	182178	20.263	ng/ul#	95
67) N-Nitrosodiphenylamine	15.775	169	885728	20.863	ng/ul	97
68) 4-Bromophenyl-phenylether	16.457	248	302779	20.631	ng/ul	95
69) Hexachlorobenzene	16.581	284	343874	20.435	ng/ul	96
70) Atrazine	16.728	200	334194	21.009	ng/ul	97
71) Pentachlorophenol	16.922	266	200341	19.107	ng/ul	97
72) Phenanthrene	17.310	178	1646167	20.295	ng/ul	99
74) Anthracene	17.404	178	1635484	20.220	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.334	216	490600	22.283	ng/ul	99
76) Pentachlorobenzene	14.851	250	426643	21.417	ng/ul	92
77) Carbazole	17.669	167	1445092	19.786	ng/ul	98
78) Di-n-butylphthalate	18.233	149	1857208	22.627	ng/ul	100
80) Fluoranthene	19.327	202	1841208	23.720	ng/ul	99
82) Pyrene	19.686	202	1892997	23.873	ng/ul	97
83) Butylbenzylphthalate	20.580	149	810871	26.861	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.363	252	456718	17.393	ng/ul	98
85) Benzo(a)anthracene	21.433	228	1655629	20.223	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	1186901	26.127	ng/ul	99
87) Chrysene	21.486	228	1630268	20.563	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	1950377	32.108	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1409182	21.492	ng/ul	99
91) Benzo(k)fluoranthene	23.157	252	1352335	22.225	ng/ul	99
93) Benzo(a)pyrene	23.733	252	1290541	20.333	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.315	276	1281060	18.221	ng/ul	99
95) Dibenzo(a,h)anthracene	26.327	278	1083526	17.383	ng/ul	99
96) Benzo(g,h,i)perylene	27.080	276	1046621	16.731	ng/ul	98

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

