

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011222\
 Data File : BN018393.D
 Acq On : 12 Jan 2022 15:55
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020277

Quant Time: Jan 12 16:41:18 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	7.581	152	487633	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.363	136	2193356	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.234	164	1355101	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.975	188	2681363	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.180	240	2500880	20.000	ng/u1	# 0.00
88) Perylene-d12	23.404	264	2632670	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	89671	7.392	ng/uL	0.00
4) Pyridine-d5	3.458	84	753766	19.855	ng/u1	0.00
7) Phenol-d5	6.769	99	887873	18.735	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.922	67	566557	18.767	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.116	132	685336	19.742	ng/u1	-0.01
15) 4-Methylphenol-d8	8.299	113	702133	18.770	ng/u1	-0.02
21) Nitrobenzene-d5	8.734	128	331152	20.271	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.451	143	362569	20.763	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.993	165	639495	20.157	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.504	131	957972	19.648	ng/u1	-0.01
46) Dimethylphthalate-d6	13.651	166	2008462	20.406	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	2519452	20.249	ng/u1	0.00
54) 4-Nitrophenol-d4	14.451	143	358597	19.092	ng/u1	0.00
60) Fluorene-d10	15.228	176	1662428	20.019	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	292223	19.260	ng/u1	0.00
73) Anthracene-d10	17.075	188	2519789	20.291	ng/u1	0.00
81) Pyrene-d10	19.380	212	2803715	19.543	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.263	264	2776728	21.193	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.087	88	95239	6.978	ng/uL	97
5) Pyridine	3.475	79	755980	19.147	ng/u1	96
6) Benzaldehyde	6.722	77	565008	18.771	ng/u1	98
8) Phenol	6.793	94	924719	18.722	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.010	93	751299	18.865	ng/u1	98
12) 2-Chlorophenol	7.152	128	701964	19.162	ng/u1	92
13) 2-Methylphenol	8.034	108	687339	18.497	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.116	45	970774	18.369	ng/u1	97
16) Acetophenone	8.399	105	1108859	19.352	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.393	70	594195	18.979	ng/u1	95
18) 4-Methylphenol	8.363	108	747279	18.742	ng/u1	96
19) Hexachloroethane	8.652	117	285356	18.782	ng/u1#	76
22) Nitrobenzene	8.775	77	856928	19.856	ng/u1	100
23) Isophorone	9.299	82	1695738	19.564	ng/u1	97
25) 2-Nitrophenol	9.487	139	389362	20.029	ng/u1	99
26) 2,4-Dimethylphenol	9.557	107	857544	19.891	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.787	93	1042577	19.336	ng/u1	99
29) 2,4-Dichlorophenol	10.016	162	634655	19.750	ng/u1	99
30) Naphthalene	10.416	128	2262098	18.850	ng/u1	100
32) 4-Chloroaniline	10.528	127	965939	19.398	ng/u1	98
33) Hexachlorobutadiene	10.710	225	336691	19.214	ng/u1	97
34) Caprolactam	11.263	113	233229	18.464	ng/u1	89
35) 4-Chloro-3-methylphenol	11.669	107	799523	19.881	ng/u1	95
36) 2-Methylnaphthalene	12.034	142	1564930	19.544	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	1603552	19.244	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.416	216	691547	19.896	ng/ul#	92
40) Hexachlorocyclopentadiene	12.398	237	366115	18.340	ng/ul	96
41) 2,4,6-Trichlorophenol	12.663	196	480342	20.376	ng/ul	99
42) 2,4,5-Trichlorophenol	12.734	196	514354	20.583	ng/ul	99
43) 1,1'-Biphenyl	13.063	154	2066595	19.582	ng/ul	99
44) 2-Chloronaphthalene	13.098	162	1537175	19.493	ng/ul#	92
45) 2-Nitroaniline	13.310	65	507560	20.565	ng/ul	95
47) Dimethylphthalate	13.698	163	1990899	19.930	ng/ul	98
48) 2,6-Dinitrotoluene	13.816	165	391622	20.687	ng/ul	90
50) Acenaphthylene	13.951	152	2574313	19.633	ng/ul	99
51) 3-Nitroaniline	14.139	138	424875	19.964	ng/ul	94
52) Acenaphthene	14.298	153	1654677	19.151	ng/ul	99
53) 2,4-Dinitrophenol	14.351	184	183265	17.188	ng/ul	88
55) 4-Nitrophenol	14.463	109	311761	19.429	ng/ul	91
56) Dibenzofuran	14.634	168	2284834	19.070	ng/ul#	88
57) 2,4-Dinitrotoluene	14.604	165	571325	20.976	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.869	232	415123	20.608	ng/ul#	84
59) Diethylphthalate	15.075	149	2085119	20.218	ng/ul	96
61) Fluorene	15.286	166	1817421	19.697	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.286	204	824702	19.989	ng/ul#	84
63) 4-Nitroaniline	15.304	138	406272	21.401	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.375	198	304855	19.712	ng/ul#	90
67) N-Nitrosodiphenylamine	15.498	169	1634079	19.662	ng/ul	99
68) 4-Bromophenyl-phenylether	16.175	248	516898	19.880	ng/ul#	78
69) Hexachlorobenzene	16.292	284	610691	19.592	ng/ul#	88
70) Atrazine	16.457	200	560434	20.564	ng/ul	94
71) Pentachlorophenol	16.633	266	334046	18.775	ng/ul	97
72) Phenanthrene	17.022	178	2979087	19.552	ng/ul	99
74) Anthracene	17.110	178	2937546	19.420	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.028	216	720650	18.822	ng/uL	98
76) Pentachlorobenzene	14.557	250	716417	20.014	ng/uL	96
77) Carbazole	17.380	167	2783573	20.908	ng/ul	97
78) Di-n-butylphthalate	17.963	149	3527964	21.556	ng/ul	99
80) Fluoranthene	19.045	202	3370093	19.380	ng/ul#	91
82) Pyrene	19.410	202	3452348	19.485	ng/ul#	90
83) Butylbenzylphthalate	20.327	149	1561086	21.255	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.104	252	1034861	21.467	ng/ul#	96
85) Benzo(a)anthracene	21.163	228	3170746	19.369	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.116	149	2351378	21.048	ng/ul#	97
87) Chrysene	21.216	228	3042834	18.874	ng/ul	98
89) Di-n-octyl phthalate	21.992	149	4014660	21.281	ng/ul	100
90) Benzo(b)fluoranthene	22.733	252	3400545	20.148	ng/ul#	96
91) Benzo(k)fluoranthene	22.780	252	3233464	20.658	ng/ul#	96
93) Benzo(a)pyrene	23.304	252	3246642	20.172	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	25.657	276	3618881	20.331	ng/ul#	89
95) Dibenzo(a,h)anthracene	25.674	278	3026308	20.164	ng/ul#	95
96) Benzo(g,h,i)perylene	26.351	276	3014441	20.212	ng/ul#	92

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

