

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010622\
 Data File : BN018359.D
 Acq On : 06 Jan 2022 19:54
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020273

Quant Time: Jan 07 09:30:50 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	7.593	152	515637	20.000	ng/u1	0.00
20) Naphthalene-d8	10.369	136	2352210	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.240	164	1492757	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.981	188	2971124	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.175	240	2872307	20.000	ng/u1	# 0.00
88) Perylene-d12	23.392	264	3008233	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	97763	7.622	ng/uL	0.00
4) Pyridine-d5	3.464	84	791461	19.716	ng/u1	0.00
7) Phenol-d5	6.775	99	1005979	20.074	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	642833	20.137	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	760418	20.715	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	806110	20.379	ng/u1	0.00
21) Nitrobenzene-d5	8.740	128	376487	21.490	ng/u1	0.00
24) 2-Nitrophenol-d4	9.463	143	415949	22.211	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.005	165	728080	21.399	ng/u1	0.00
31) 4-Chloroaniline-d4	10.510	131	1124126	21.498	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	2330140	21.491	ng/u1	0.00
49) Acenaphthylene-d8	13.928	160	2945053	21.487	ng/u1	0.00
54) 4-Nitrophenol-d4	14.451	143	440598	21.295	ng/u1	0.00
60) Fluorene-d10	15.234	176	1925178	21.045	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	359419	21.379	ng/u1	0.00
73) Anthracene-d10	17.081	188	2958212	21.498	ng/u1	0.00
81) Pyrene-d10	19.381	212	3300041	20.028	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.257	264	3252318	21.723	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.093	88	111178	7.704	ng/uL	99
5) Pyridine	3.481	79	831519	19.917	ng/u1	96
6) Benzaldehyde	6.734	77	647258	20.335	ng/u1	99
8) Phenol	6.805	94	1059011	20.276	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.022	93	854789	20.298	ng/u1	97
12) 2-Chlorophenol	7.158	128	802027	20.705	ng/u1	95
13) 2-Methylphenol	8.046	108	791970	20.156	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.128	45	1138908	20.380	ng/u1	99
16) Acetophenone	8.410	105	1317021	21.737	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.399	70	705168	21.301	ng/u1	93
18) 4-Methylphenol	8.375	108	878464	20.836	ng/u1	98
19) Hexachloroethane	8.663	117	330039	20.543	ng/u1#	76
22) Nitrobenzene	8.781	77	1012907	21.885	ng/u1	98
23) Isophorone	9.305	82	2000739	21.524	ng/u1	99
25) 2-Nitrophenol	9.493	139	469114	22.502	ng/u1	96
26) 2,4-Dimethylphenol	9.569	107	998960	21.606	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.799	93	1221569	21.126	ng/u1	99
29) 2,4-Dichlorophenol	10.028	162	745267	21.626	ng/u1	98
30) Naphthalene	10.422	128	2678538	20.813	ng/u1	100
32) 4-Chloroaniline	10.534	127	1155011	21.628	ng/u1	100
33) Hexachlorobutadiene	10.722	225	398108	21.185	ng/u1	98
34) Caprolactam	11.275	113	280675	20.719	ng/u1	92
35) 4-Chloro-3-methylphenol	11.675	107	925754	21.465	ng/u1	97
36) 2-Methylnaphthalene	12.046	142	1834496	21.363	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	1868274	20.907	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.422	216	791683	20.677	ng/ul#	95
40) Hexachlorocyclopentadiene	12.404	237	439450	19.983	ng/ul	96
41) 2,4,6-Trichlorophenol	12.663	196	558911	21.523	ng/ul	99
42) 2,4,5-Trichlorophenol	12.740	196	611069	22.198	ng/ul	99
43) 1,1'-Biphenyl	13.069	154	2414939	20.773	ng/ul	97
44) 2-Chloronaphthalene	13.104	162	1830691	21.074	ng/ul	93
45) 2-Nitroaniline	13.316	65	619000	22.767	ng/ul	94
47) Dimethylphthalate	13.704	163	2355330	21.403	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	465013	22.299	ng/ul	97
50) Acenaphthylene	13.951	152	3093350	21.416	ng/ul	99
51) 3-Nitroaniline	14.145	138	531530	22.672	ng/ul	96
52) Acenaphthene	14.298	153	2004976	21.066	ng/ul	99
53) 2,4-Dinitrophenol	14.357	184	227114	19.336	ng/ul	85
55) 4-Nitrophenol	14.469	109	385131	21.788	ng/ul	93
56) Dibenzofuran	14.640	168	2779590	21.060	ng/ul	91
57) 2,4-Dinitrotoluene	14.610	165	702865	23.425	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.869	232	481765	21.711	ng/ul#	75
59) Diethylphthalate	15.075	149	2460297	21.656	ng/ul	96
61) Fluorene	15.287	166	2170669	21.356	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.287	204	965843	21.251	ng/ul#	84
63) 4-Nitroaniline	15.310	138	520741	24.901	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.375	198	376899	21.993	ng/ul#	89
67) N-Nitrosodiphenylamine	15.498	169	1943422	21.103	ng/ul	95
68) 4-Bromophenyl-phenylether	16.181	248	609340	21.149	ng/ul#	84
69) Hexachlorobenzene	16.298	284	749502	21.701	ng/ul#	89
70) Atrazine	16.457	200	652954	21.622	ng/ul	97
71) Pentachlorophenol	16.639	266	396924	20.134	ng/ul	99
72) Phenanthrene	17.022	178	3570841	21.150	ng/ul	98
74) Anthracene	17.110	178	3542040	21.133	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	865141	20.393	ng/ul	95
76) Pentachlorobenzene	14.563	250	828414	20.886	ng/ul	98
77) Carbazole	17.386	167	3405894	23.087	ng/ul	98
78) Di-n-butylphthalate	17.963	149	4151809	22.894	ng/ul	99
80) Fluoranthene	19.045	202	4042424	20.241	ng/ul#	91
82) Pyrene	19.410	202	4147607	20.382	ng/ul#	90
83) Butylbenzylphthalate	20.328	149	1823837	21.621	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.098	252	1317373	23.794	ng/ul#	97
85) Benzo(a)anthracene	21.163	228	3818822	20.311	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.110	149	2845557	22.178	ng/ul#	94
87) Chrysene	21.210	228	3730491	20.147	ng/ul	98
89) Di-n-octyl phthalate	21.986	149	4855583	22.526	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	4182144	21.686	ng/ul#	95
91) Benzo(k)fluoranthene	22.769	252	3819679	21.357	ng/ul#	94
93) Benzo(a)pyrene	23.298	252	3936779	21.406	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.645	276	4394403	21.606	ng/ul#	89
95) Dibenzo(a,h)anthracene	25.663	278	3825788	22.308	ng/ul#	95
96) Benzo(g,h,i)perylene	26.339	276	3843125	22.551	ng/ul#	91

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

