

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
 Data File : BN020228.D
 Acq On : 17 Jun 2022 05:56
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020326

Quant Time: Jun 17 07:09:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 16 00:50:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	104653	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	476133	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	312619	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	660499	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	718811	20.000	ng/u1	-0.01
88) Perylene-d12	23.663	264	785042	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	19575	8.101	ng/uL	-0.01
4) Pyridine-d5	3.664	84	128594	19.472	ng/u1	-0.01
7) Phenol-d5	6.987	99	163945	18.932	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.122	67	107038	19.784	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	140608	19.983	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	143770	19.189	ng/u1	0.01
21) Nitrobenzene-d5	8.946	128	71367	19.702	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	77434	20.143	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	134884	20.099	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	215730	19.850	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	442257	19.443	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	529553	20.075	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	78821	17.292	ng/u1	0.04
60) Fluorene-d10	15.410	176	378754	20.122	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	74008	19.343	ng/u1	0.00
73) Anthracene-d10	17.257	188	592406	20.551	ng/u1	0.00
81) Pyrene-d10	19.557	212	699126	17.941	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	788325	20.524	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	20070	7.868	ng/uL	97
5) Pyridine	3.681	79	133689	19.310	ng/u1	93
6) Benzaldehyde	6.928	77	92870	22.760	ng/u1	93
8) Phenol	7.011	94	177686	19.269	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.217	93	144099	19.966	ng/u1	99
12) 2-Chlorophenol	7.364	128	146376	19.902	ng/u1	98
13) 2-Methylphenol	8.252	108	137934	19.457	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	225249	19.903	ng/u1	98
16) Acetophenone	8.605	105	230254	20.209	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.593	70	112969	19.409	ng/u1	95
18) 4-Methylphenol	8.575	108	151146	19.318	ng/u1	99
19) Hexachloroethane	8.864	117	58882	19.897	ng/u1	85
22) Nitrobenzene	8.987	77	167760	19.974	ng/u1	98
23) Isophorone	9.511	82	315772	19.042	ng/u1	98
25) 2-Nitrophenol	9.693	139	85274	20.074	ng/u1	98
26) 2,4-Dimethylphenol	9.769	107	175650	19.959	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.993	93	199992	19.707	ng/u1	99
29) 2,4-Dichlorophenol	10.246	162	139219	20.055	ng/u1	98
30) Naphthalene	10.628	128	494315	20.032	ng/u1	100
32) 4-Chloroaniline	10.740	127	216104	19.880	ng/u1	99
33) Hexachlorobutadiene	10.922	225	79752	20.010	ng/u1	97
34) Caprolactam	11.487	113	47620	17.566	ng/u1	94
35) 4-Chloro-3-methylphenol	11.893	107	166137	20.268	ng/u1	98
36) 2-Methylnaphthalene	12.240	142	338486	20.290	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	343724	20.190	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.616	216	157590	19.765	ng/ul	98
40) Hexachlorocyclopentadiene	12.599	237	79638	16.420	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	106698	19.408	ng/ul	97
42) 2,4,5-Trichlorophenol	12.952	196	114848	18.862	ng/ul	95
43) 1,1'-Biphenyl	13.252	154	465350	20.103	ng/ul	100
44) 2-Chloronaphthalene	13.293	162	351830	20.034	ng/ul	98
45) 2-Nitroaniline	13.499	65	101391	18.558	ng/ul	95
47) Dimethylphthalate	13.881	163	445786	19.468	ng/ul	98
48) 2,6-Dinitrotoluene	13.999	165	85289	19.050	ng/ul	96
50) Acenaphthylene	14.140	152	586609	20.085	ng/ul	98
51) 3-Nitroaniline	14.322	138	89685	18.948	ng/ul	100
52) Acenaphthene	14.481	153	376936	19.759	ng/ul	99
53) 2,4-Dinitrophenol	14.534	184	56161	19.592	ng/ul	95
55) 4-Nitrophenol	14.675	109	68633	17.640	ng/ul	96
56) Dibenzofuran	14.816	168	536519	19.962	ng/ul	97
57) 2,4-Dinitrotoluene	14.781	165	134453	20.282	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.051	232	94199	19.708	ng/ul	89
59) Diethylphthalate	15.246	149	464699	19.711	ng/ul	99
61) Fluorene	15.469	166	436307	20.862	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.463	204	199367	20.700	ng/ul	94
63) 4-Nitroaniline	15.481	138	90205	20.395	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.546	198	75613	19.493	ng/ul#	92
67) N-Nitrosodiphenylamine	15.675	169	379419	20.038	ng/ul	100
68) 4-Bromophenyl-phenylether	16.357	248	118780	20.650	ng/ul	92
69) Hexachlorobenzene	16.475	284	131696	19.918	ng/ul#	92
70) Atrazine	16.628	200	132842	20.107	ng/ul	95
71) Pentachlorophenol	16.822	266	74213	18.021	ng/ul	95
72) Phenanthrene	17.204	178	697997	20.025	ng/ul	99
74) Anthracene	17.292	178	732833	20.909	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.222	216	167226	18.907	ng/ul	95
76) Pentachlorobenzene	14.746	250	157305	20.123	ng/ul	97
77) Carbazole	17.563	167	682179	21.394	ng/ul	96
78) Di-n-butylphthalate	18.134	149	802516	20.297	ng/ul	99
80) Fluoranthene	19.222	202	852975	18.124	ng/ul	97
82) Pyrene	19.586	202	900872	18.658	ng/ul	95
83) Butylbenzylphthalate	20.492	149	402933	18.543	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.269	252	296623	21.605	ng/ul#	98
85) Benzo(a)anthracene	21.333	228	898033	19.785	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.275	149	598484	19.520	ng/ul	99
87) Chrysene	21.386	228	916674	20.643	ng/ul	94
89) Di-n-octyl phthalate	22.175	149	1110290	17.377	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	1005813	20.414	ng/ul#	98
91) Benzo(k)fluoranthene	23.010	252	909014	19.381	ng/ul	97
93) Benzo(a)pyrene	23.563	252	961383	20.158	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.033	276	1058083	21.563	ng/ul	91
95) Dibenzo(a,h)anthracene	26.057	278	905715	21.610	ng/ul	99
96) Benzo(g,h,i)perylene	26.763	276	881258	21.267	ng/ul#	93

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

