

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
 Data File : BN020143.D
 Acq On : 11 Jun 2022 17:52
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020318

Quant Time: Jun 13 00:45:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 06 15:14:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2022
 Supervised By :mohammad ahmed 06/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	153700	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	735688	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.445	164	481498	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	973474	20.000	ng/u1	-0.01
79) Chrysene-d12	21.374	240	883112	20.000	ng/u1	0.00
88) Perylene-d12	23.698	264	791987	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	27474	7.742	ng/uL	0.00
4) Pyridine-d5	3.687	84	193986	20.000	ng/u1	0.00
7) Phenol-d5	6.981	99	259170	20.378	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	163043	20.519	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	218003	21.096	ng/u1	-0.01
15) 4-Methylphenol-d8	8.522	113	229247	20.834	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	112589	20.116	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	124956	21.037	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.228	165	213758	20.614	ng/u1	0.00
31) 4-Chloroaniline-d4	10.740	131	338229	20.142	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	679125	19.384	ng/u1	-0.01
49) Acenaphthylene-d8	14.134	160	828314	20.387	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.639	143	128880	18.358	ng/u1	0.00
60) Fluorene-d10	15.434	176	581896	20.072	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	104642	18.557	ng/u1	0.00
73) Anthracene-d10	17.280	188	881944	20.759	ng/u1	-0.01
81) Pyrene-d10	19.580	212	979491	20.459	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.551	264	816670	21.075	ng/u1	-0.01
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.311	88	28385	7.577	ng/uL	94
5) Pyridine	3.705	79	203293	19.993	ng/u1	93
6) Benzaldehyde	6.952	77	147474	24.609	ng/u1	93
8) Phenol	7.010	94	278065	20.532	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.240	93	219491	20.707	ng/u1	100
12) 2-Chlorophenol	7.381	128	226492	20.968	ng/u1	100
13) 2-Methylphenol	8.257	108	218570	20.993	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	335094	20.160	ng/u1	98
16) Acetophenone	8.634	105	354407	21.179	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.622	70	179324	20.978	ng/u1	94
18) 4-Methylphenol	8.587	108	244809	21.304	ng/u1	100
19) Hexachloroethane	8.893	117	88062	20.261	ng/u1	86
22) Nitrobenzene	9.010	77	262099	20.197	ng/u1	98
23) Isophorone	9.534	82	503658	19.656	ng/u1	98
25) 2-Nitrophenol	9.722	139	137083	20.885	ng/u1	97
26) 2,4-Dimethylphenol	9.787	107	278299	20.466	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.016	93	307960	19.640	ng/u1	97
29) 2,4-Dichlorophenol	10.251	162	222820	20.773	ng/u1	99
30) Naphthalene	10.657	128	760475	19.945	ng/u1	100
32) 4-Chloroaniline	10.763	127	338988	20.183	ng/u1	99
33) Hexachlorobutadiene	10.951	225	123536	20.060	ng/u1	99
34) Caprolactam	11.510	113	79116m	18.888	ng/u1	
35) 4-Chloro-3-methylphenol	11.893	107	264724	20.901	ng/u1	100
36) 2-Methylnaphthalene	12.263	142	523804	20.321	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	531766	20.215	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.640	216	243861	19.858	ng/ul	98
40) Hexachlorocyclopentadiene	12.622	237	129157	17.289	ng/ul	95
41) 2,4,6-Trichlorophenol	12.875	196	174574	20.617	ng/ul	93
42) 2,4,5-Trichlorophenol	12.945	196	189436	20.200	ng/ul	99
43) 1,1'-Biphenyl	13.281	154	705366	19.784	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	540963	20.000	ng/ul	97
45) 2-Nitroaniline	13.516	65	174918	20.787	ng/ul	96
47) Dimethylphthalate	13.898	163	690011	19.564	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	141749	20.556	ng/ul	100
50) Acenaphthylene	14.163	152	902108	20.054	ng/ul	99
51) 3-Nitroaniline	14.345	138	149014	20.441	ng/ul	98
52) Acenaphthene	14.510	153	579366	19.718	ng/ul	99
53) 2,4-Dinitrophenol	14.551	184	60935	13.802	ng/ul	89
55) 4-Nitrophenol	14.651	109	111772	18.652	ng/ul	98
56) Dibenzofuran	14.839	168	816918	19.734	ng/ul	97
57) 2,4-Dinitrotoluene	14.804	165	209722	20.540	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.069	232	146610	19.915	ng/ul	89
59) Diethylphthalate	15.269	149	703793	19.382	ng/ul	99
61) Fluorene	15.492	166	639017	19.838	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.486	204	299949	20.220	ng/ul	93
63) 4-Nitroaniline	15.504	138	141501	20.772	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.569	198	106911	18.700	ng/ul	94
67) N-Nitrosodiphenylamine	15.698	169	578369	20.724	ng/ul	97
68) 4-Bromophenyl-phenylether	16.375	248	176154	20.779	ng/ul#	91
69) Hexachlorobenzene	16.498	284	197099	20.226	ng/ul#	88
70) Atrazine	16.651	200	204173	20.968	ng/ul	98
71) Pentachlorophenol	16.839	266	111859	18.430	ng/ul	95
72) Phenanthrene	17.228	178	1041639	20.276	ng/ul	99
74) Anthracene	17.316	178	1071594	20.744	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.245	216	261099	20.029	ng/uL	98
76) Pentachlorobenzene	14.769	250	240840	20.904	ng/uL	96
77) Carbazole	17.586	167	990540	21.078	ng/ul	98
78) Di-n-butylphthalate	18.157	149	1199869	20.590	ng/ul	99
80) Fluoranthene	19.245	202	1194148	20.652	ng/ul	97
82) Pyrene	19.604	202	1215871	20.496	ng/ul#	94
83) Butylbenzylphthalate	20.510	149	558648	20.925	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.292	252	343444	20.362	ng/ul#	96
85) Benzo(a)anthracene	21.357	228	1124306	20.161	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.298	149	804572	21.360	ng/ul	100
87) Chrysene	21.410	228	1078763	19.773	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	1407764	21.839	ng/ul	100
90) Benzo(b)fluoranthene	22.998	252	1099754	22.125	ng/ul	97
91) Benzo(k)fluoranthene	23.045	252	989533	20.913	ng/ul	95
93) Benzo(a)pyrene	23.598	252	1001263	20.810	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.092	276	970134	19.597	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.104	278	830541	19.643	ng/ul	96
96) Benzo(g,h,i)perylene	26.821	276	806401	19.290	ng/ul#	93

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

