

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040224\
 Data File : BN030582.D
 Acq On : 01 Apr 2024 10:12
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020332

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024

Quant Time: Apr 02 00:03:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	272709	20.000	ng/u1	0.00
20) Naphthalene-d8	10.481	136	1209923	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.340	164	785553	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1635577	20.000	ng/u1	0.00
79) Chrysene-d12	21.328	240	1561268	20.000	ng/u1	0.00
88) Perylene-d12	24.269	264	1732206	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	49546	8.518	ng/uL	0.00
4) Pyridine-d5	3.599	84	354381	20.320	ng/u1	0.00
7) Phenol-d5	6.864	99	444589	20.153	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	276317	20.279	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	360472	21.539	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	358040	19.365	ng/u1	0.00
21) Nitrobenzene-d5	8.852	128	181634	21.641	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	173960	22.656	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	359578	21.392	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	556303	20.103	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	1098685	20.948	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1307073	21.675	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	207251	20.658	ng/u1	0.00
60) Fluorene-d10	15.334	176	961958	20.959	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	142711	19.768	ng/u1	0.00
73) Anthracene-d10	17.187	188	1496684	21.238	ng/u1	0.00
81) Pyrene-d10	19.486	212	1768529	21.069	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.069	264	1696652	21.257	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	52288	8.392	ng/uL	99
5) Pyridine	3.623	79	360291	20.474	ng/u1	99
6) Benzaldehyde	6.846	77	255943m	24.913	ng/u1	
8) Phenol	6.887	94	464804	20.225	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.128	93	383717	20.475	ng/u1	99
12) 2-Chlorophenol	7.258	128	380013	21.167	ng/u1	98
13) 2-Methylphenol	8.134	108	354426	20.013	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.228	45	525126	19.899	ng/u1	99
16) Acetophenone	8.516	105	589598	20.197	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.505	70	292492	19.894	ng/u1	98
18) 4-Methylphenol	8.463	108	390688	19.707	ng/u1	98
19) Hexachloroethane	8.769	117	159398	21.177	ng/u1	98
22) Nitrobenzene	8.893	77	430237	20.999	ng/u1	97
23) Isophorone	9.416	82	838100	20.511	ng/u1	100
25) 2-Nitrophenol	9.599	139	200338	22.201	ng/u1	99
26) 2,4-Dimethylphenol	9.658	107	412116	20.548	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.905	93	524753	20.199	ng/u1	100
29) 2,4-Dichlorophenol	10.128	162	362588	21.133	ng/u1	98
30) Naphthalene	10.528	128	1285958	20.723	ng/u1	99
32) 4-Chloroaniline	10.646	127	538025	20.174	ng/u1	99
33) Hexachlorobutadiene	10.810	225	229769	21.276	ng/u1	97
34) Caprolactam	11.416	113	118062m	18.419	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	387927	20.074	ng/u1	99
36) 2-Methylnaphthalene	12.146	142	876806	20.232	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	894920	20.343	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.516	216	454217	22.405	ng/u1	98
40) Hexachlorocyclopentadiene	12.493	237	250434	21.752	ng/u1	100
41) 2,4,6-Trichlorophenol	12.757	196	282549	22.304	ng/u1	100
42) 2,4,5-Trichlorophenol	12.828	196	310823	21.726	ng/u1	91
43) 1,1'-Biphenyl	13.169	154	1140097	21.293	ng/u1	99
44) 2-Chloronaphthalene	13.210	162	922476	21.886	ng/u1	98
45) 2-Nitroaniline	13.416	65	240553	21.445	ng/u1	97
47) Dimethylphthalate	13.804	163	1121505	20.700	ng/u1	100
48) 2,6-Dinitrotoluene	13.922	165	221807	22.081	ng/u1	97
50) Acenaphthylene	14.057	152	1527179	21.918	ng/u1	99
51) 3-Nitroaniline	14.251	138	232094	21.769	ng/u1	100
52) Acenaphthene	14.404	153	995738	21.445	ng/u1	100
53) 2,4-Dinitrophenol	14.451	184	85450	18.521	ng/u1	94
55) 4-Nitrophenol	14.551	109	160853	20.238	ng/u1	93
56) Dibenzofuran	14.740	168	1350760	20.928	ng/u1	99
57) 2,4-Dinitrotoluene	14.704	165	320837	21.877	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	14.963	232	253155	21.306	ng/u1	98
59) Diethylphthalate	15.175	149	1143335	20.773	ng/u1	100
61) Fluorene	15.387	166	1095278	21.350	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.387	204	529965	21.056	ng/u1	99
63) 4-Nitroaniline	15.416	138	238533	23.012	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.469	198	156762	20.209	ng/u1	95
67) N-Nitrosodiphenylamine	15.604	169	940076	21.105	ng/u1	97
68) 4-Bromophenyl-phenylether	16.281	248	328470	21.149	ng/u1	95
69) Hexachlorobenzene	16.387	284	382915	20.938	ng/u1	97
70) Atrazine	16.557	200	323639	20.963	ng/u1	98
71) Pentachlorophenol	16.734	266	229611	21.294	ng/u1	98
72) Phenanthrene	17.128	178	1784515	21.236	ng/u1	99
74) Anthracene	17.222	178	1838107	21.638	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.128	216	452757	22.532	ng/uL	97
76) Pentachlorobenzene	14.651	250	437245	21.423	ng/uL	94
77) Carbazole	17.492	167	1662159	22.312	ng/u1	100
78) Di-n-butylphthalate	18.063	149	2004849	22.060	ng/u1	99
80) Fluoranthene	19.151	202	2103560	21.081	ng/u1	99
82) Pyrene	19.516	202	2197614	20.854	ng/u1	98
83) Butylbenzylphthalate	20.428	149	895803	22.259	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.239	252	668967	23.319	ng/u1	99
85) Benzo(a)anthracene	21.310	228	2191019	21.028	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	1322625	22.286	ng/u1	98
87) Chrysene	21.369	228	2137731	21.736	ng/u1	99
89) Di-n-octyl phthalate	22.363	149	2313446	21.090	ng/u1	100
90) Benzo(b)fluoranthene	23.333	252	2122284	20.818	ng/u1	97
91) Benzo(k)fluoranthene	23.404	252	2212284	21.369	ng/u1	99
93) Benzo(a)pyrene	24.127	252	2017699	20.952	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.580	276	2162539	20.774	ng/u1	99
95) Dibenzo(a,h)anthracene	27.645	278	1849524m	21.105	ng/u1	
96) Benzo(g,h,i)perylene	28.604	276	1685096	20.619	ng/u1	98

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

