

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
 Data File : BN032168.D
 Acq On : 22 Jun 2024 15:55
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020301

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/26/2024

Quant Time: Jun 23 03:50:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	352617	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	1406471	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.274	164	865729	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	1691225	20.000	ng/u1	0.00
79) Chrysene-d12	21.262	240	1548713	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1808812	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	60497	7.098	ng/uL	0.00
4) Pyridine-d5	3.563	84	403714	16.826	ng/u1	0.00
7) Phenol-d5	6.810	99	505510	16.723	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	278618	15.757	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	434937	18.857	ng/u1	0.00
15) 4-Methylphenol-d8	8.339	113	408326	16.571	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	213053	19.812	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	227971	20.522	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	407945	19.671	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.557	131	559311	18.164	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	1125770	18.666	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1322742	19.074	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	207091	17.149	ng/u1	0.00
60) Fluorene-d10	15.274	176	966210	18.934	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	175151	20.604	ng/u1	0.00
73) Anthracene-d10	17.121	188	1446697	19.981	ng/u1	0.00
81) Pyrene-d10	19.427	212	1597537	19.276	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1646294	19.061	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	63140	6.924	ng/uL	96
5) Pyridine	3.587	79	389407	16.232	ng/u1	96
6) Benzaldehyde	6.787	77	263573m	18.589	ng/u1	
8) Phenol	6.840	94	516921	16.802	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.069	93	431053	16.945	ng/u1	94
12) 2-Chlorophenol	7.198	128	456322	18.905	ng/u1	96
13) 2-Methylphenol	8.075	108	401085	16.880	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.151	45	456396	15.585	ng/u1	98
16) Acetophenone	8.457	105	637827	17.080	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.439	70	289195	14.944	ng/u1#	95
18) 4-Methylphenol	8.404	108	429394	16.671	ng/u1	98
19) Hexachloroethane	8.692	117	191692	18.754	ng/u1	93
22) Nitrobenzene	8.828	77	456904	17.833	ng/u1	94
23) Isophorone	9.351	82	830692	15.805	ng/u1	95
25) 2-Nitrophenol	9.534	139	244997	20.187	ng/u1	95
26) 2,4-Dimethylphenol	9.598	107	413923	17.532	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.834	93	549910	16.788	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	404673	19.762	ng/u1	98
30) Naphthalene	10.457	128	1417443	19.473	ng/u1	99
32) 4-Chloroaniline	10.581	127	540439	18.078	ng/u1	97
33) Hexachlorobutadiene	10.733	225	262348	21.332	ng/u1	99
34) Caprolactam	11.369	113	137025m	17.144	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	415455	17.358	ng/u1	99
36) 2-Methylnaphthalene	12.075	142	939817	18.889	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	930320	18.635	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.445	216	488553	21.338	ng/ul	97
40) Hexachlorocyclopentadiene	12.416	237	285409	21.629	ng/ul	95
41) 2,4,6-Trichlorophenol	12.698	196	300990	19.368	ng/ul	99
42) 2,4,5-Trichlorophenol	12.775	196	333514	19.749	ng/ul	94
43) 1,1'-Biphenyl	13.104	154	1189399	19.532	ng/ul	96
44) 2-Chloronaphthalene	13.145	162	947912	19.875	ng/ul	98
45) 2-Nitroaniline	13.363	65	228452	16.524	ng/ul	90
47) Dimethylphthalate	13.739	163	1150762	18.657	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	231918	18.916	ng/ul	96
50) Acenaphthylene	13.998	152	1508845	19.252	ng/ul	99
51) 3-Nitroaniline	14.198	138	244354	18.640	ng/ul	91
52) Acenaphthene	14.339	153	1002716	19.336	ng/ul	100
53) 2,4-Dinitrophenol	14.416	184	113023	18.260	ng/ul	95
55) 4-Nitrophenol	14.516	109	158258	17.667	ng/ul	91
56) Dibenzofuran	14.674	168	1357376	19.266	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	331328	18.417	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.904	232	266312	18.853	ng/ul	100
59) Diethylphthalate	15.110	149	1135362	17.838	ng/ul	99
61) Fluorene	15.327	166	1083452	19.096	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.327	204	539298	19.625	ng/ul	98
63) 4-Nitroaniline	15.363	138	246169m	19.726	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.421	198	190421	21.071	ng/ul#	99
67) N-Nitrosodiphenylamine	15.545	169	950049	20.380	ng/ul	98
68) 4-Bromophenyl-phenylether	16.221	248	334493	20.413	ng/ul	96
69) Hexachlorobenzene	16.327	284	381456	20.539	ng/ul	96
70) Atrazine	16.498	200	256601	17.433	ng/ul	97
71) Pentachlorophenol	16.680	266	222428	18.719	ng/ul	92
72) Phenanthrene	17.068	178	1711302	19.863	ng/ul	99
74) Anthracene	17.163	178	1772338	20.302	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	463326	21.285	ng/ul	96
76) Pentachlorobenzene	14.592	250	467957	22.071	ng/ul	94
77) Carbazole	17.439	167	1546083	20.770	ng/ul	99
78) Di-n-butylphthalate	17.998	149	1926270	18.809	ng/ul	99
80) Fluoranthene	19.092	202	1904620	19.230	ng/ul	95
82) Pyrene	19.457	202	2002729	19.708	ng/ul	94
83) Butylbenzylphthalate	20.362	149	853473	17.782	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.174	252	592681	19.957	ng/ul	98
85) Benzo(a)anthracene	21.245	228	1982248	19.122	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.168	149	1214496	17.359	ng/ul	98
87) Chrysene	21.304	228	1863594	19.247	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	2118078	17.491	ng/ul	100
90) Benzo(b)fluoranthene	23.250	252	1982886	18.340	ng/ul	100
91) Benzo(k)fluoranthene	23.315	252	2052359	19.345	ng/ul	98
93) Benzo(a)pyrene	24.033	252	1903160	18.795	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.438	276	2365432	20.272	ng/ul	98
95) Dibenzo(a,h)anthracene	27.497	278	1981623	20.801	ng/ul	96
96) Benzo(g,h,i)perylene	28.468	276	1921925	20.720	ng/ul	96

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

