

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
 Data File : BN030696.D
 Acq On : 06 Apr 2024 06:43
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020343

Quant Time: Apr 06 07:13:41 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	192033	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	934917	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.333	164	669523	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	1457714	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	1424561	20.000	ng/u1	0.00
88) Perylene-d12	24.262	264	1647063	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	32796	8.007	ng/uL	0.00
4) Pyridine-d5	3.599	84	241848	19.694	ng/u1	0.00
7) Phenol-d5	6.857	99	318710	20.516	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	192186	20.030	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	260556	22.110	ng/u1	0.00
15) 4-Methylphenol-d8	8.392	113	276375	21.228	ng/u1	0.00
21) Nitrobenzene-d5	8.845	128	139811	21.558	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	148813	25.082	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	285062	21.947	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	437366	20.454	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	945515	21.152	ng/u1	0.00
49) Acenaphthylene-d8	14.027	160	1060239	20.629	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	187815	21.966	ng/u1	0.00
60) Fluorene-d10	15.327	176	815557	20.849	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	141053	21.922	ng/u1	0.00
73) Anthracene-d10	17.180	188	1294593	20.612	ng/u1	0.00
81) Pyrene-d10	19.480	212	1550849	20.249	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.062	264	1592428	20.983	ng/u1	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	33861	7.718	ng/uL	95
5) Pyridine	3.616	79	242857	19.599	ng/u1	98
6) Benzaldehyde	6.840	77	183789	25.405	ng/u1	97
8) Phenol	6.887	94	333265	20.593	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	273173	20.700	ng/u1	100
12) 2-Chlorophenol	7.251	128	269380	21.309	ng/u1	98
13) 2-Methylphenol	8.128	108	263705	21.146	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	358280	19.281	ng/u1	97
16) Acetophenone	8.510	105	439039	21.358	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.498	70	225219	21.754	ng/u1	96
18) 4-Methylphenol	8.457	108	294006	21.060	ng/u1	97
19) Hexachloroethane	8.757	117	111461	21.030	ng/u1	99
22) Nitrobenzene	8.886	77	319889	20.205	ng/u1	99
23) Isophorone	9.410	82	664206	21.037	ng/u1	99
25) 2-Nitrophenol	9.592	139	165906	23.793	ng/u1	97
26) 2,4-Dimethylphenol	9.657	107	330281	21.312	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.892	93	404245	20.137	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	285370	21.525	ng/u1	99
30) Naphthalene	10.522	128	968361	20.195	ng/u1	100
32) 4-Chloroaniline	10.639	127	421590	20.458	ng/u1	99
33) Hexachlorobutadiene	10.804	225	169642	20.329	ng/u1	99
34) Caprolactam	11.410	113	108756m	21.958	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	331486	22.199	ng/u1	98
36) 2-Methylnaphthalene	12.139	142	688545	20.562	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	702528	20.667	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	349535	20.230	ng/ul	99
40) Hexachlorocyclopentadiene	12.486	237	200306	20.414	ng/ul	97
41) 2,4,6-Trichlorophenol	12.757	196	245685	22.755	ng/ul	99
42) 2,4,5-Trichlorophenol	12.827	196	267116	21.906	ng/ul	95
43) 1,1'-Biphenyl	13.163	154	930547	20.391	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	730162	20.325	ng/ul	100
45) 2-Nitroaniline	13.416	65	210616	22.030	ng/ul	99
47) Dimethylphthalate	13.798	163	964191	20.881	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	196611	22.965	ng/ul	97
50) Acenaphthylene	14.057	152	1248453	21.023	ng/ul	99
51) 3-Nitroaniline	14.245	138	207985	22.888	ng/ul	96
52) Acenaphthene	14.398	153	827658	20.914	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	84254	21.426	ng/ul	95
55) 4-Nitrophenol	14.557	109	144731	21.365	ng/ul	98
56) Dibenzofuran	14.733	168	1122311	20.402	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	290886	23.272	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.957	232	233197	23.027	ng/ul	96
59) Diethylphthalate	15.169	149	1011997	21.573	ng/ul	98
61) Fluorene	15.386	166	916212	20.954	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.380	204	439858	20.504	ng/ul	94
63) 4-Nitroaniline	15.410	138	219480	24.844	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	152428	22.048	ng/ul	98
67) N-Nitrosodiphenylamine	15.598	169	812182	20.459	ng/ul	98
68) 4-Bromophenyl-phenylether	16.280	248	282421	20.403	ng/ul	99
69) Hexachlorobenzene	16.380	284	324091	19.884	ng/ul	98
70) Atrazine	16.557	200	296106	21.520	ng/ul	96
71) Pentachlorophenol	16.727	266	189548	19.724	ng/ul	97
72) Phenanthrene	17.127	178	1524299	20.353	ng/ul	99
74) Anthracene	17.215	178	1576202	20.819	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.122	216	352631	19.691	ng/ul	97
76) Pentachlorobenzene	14.645	250	363496	19.983	ng/ul	95
77) Carbazole	17.486	167	1448045	21.809	ng/ul	99
78) Di-n-butylphthalate	18.057	149	1860910	22.975	ng/ul	99
80) Fluoranthene	19.145	202	1842321	20.235	ng/ul	98
82) Pyrene	19.509	202	1905214	19.814	ng/ul	98
83) Butylbenzylphthalate	20.421	149	888087	24.185	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.233	252	628103	23.996	ng/ul	99
85) Benzo(a)anthracene	21.304	228	1944357	20.451	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.233	149	1294220	23.900	ng/ul	98
87) Chrysene	21.362	228	1828639	20.378	ng/ul	99
89) Di-n-octyl phthalate	22.351	149	2307312	22.121	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1932056	19.932	ng/ul	97
91) Benzo(k)fluoranthene	23.392	252	1959261	19.903	ng/ul	98
93) Benzo(a)pyrene	24.127	252	1845189	20.151	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.568	276	2030631	20.515	ng/ul	100
95) Dibenzo(a,h)anthracene	27.627	278	1702722	20.434	ng/ul	96
96) Benzo(g,h,i)perylene	28.597	276	1591355	20.479	ng/ul	97

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

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