

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030623\
 Data File : BN024127.D
 Acq On : 06 Mar 2023 09:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020257

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023
 Supervised By :Jagrut Upadhyay 03/07/2023

Quant Time: Mar 07 04:28:19 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Mar 07 04:27:04 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	273689	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1160264	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	717953	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1502550	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	1412203	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1618435	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	56931	8.115	ng/uL	0.00
4) Pyridine-d5	3.834	84	396780	20.438	ng/u1	0.00
7) Phenol-d5	7.199	99	497637	20.271	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	331951	21.115	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	393281	20.860	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	396361	20.310	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	164171	21.800	ng/u1	0.00
24) 2-Nitrophenol-d4	9.952	143	178669	21.757	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	378410	21.354	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	566472	21.426	ng/u1	0.00
46) Dimethylphthalate-d6	14.104	166	1155614	20.856	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	1377846	21.363	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	217188	20.514	ng/u1	0.00
60) Fluorene-d10	15.687	176	983850	21.127	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	150943	18.646	ng/u1	0.00
73) Anthracene-d10	17.539	188	1499942	21.167	ng/u1	0.00
81) Pyrene-d10	19.828	212	1720176	20.842	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1771608	22.020	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.446	88	58468	7.696	ng/uL	96
5) Pyridine	3.852	79	408072	20.305	ng/u1	94
6) Benzaldehyde	7.187	77	296788m	24.883	ng/u1	
8) Phenol	7.228	94	519970	20.432	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.475	93	434277	21.059	ng/u1	100
12) 2-Chlorophenol	7.616	128	404705	20.676	ng/u1	99
13) 2-Methylphenol	8.493	108	391358	20.450	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.593	45	678597	20.741	ng/u1	99
16) Acetophenone	8.887	105	644350	21.268	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.875	70	310717	20.887	ng/u1	100
18) 4-Methylphenol	8.828	108	431588	20.490	ng/u1	98
19) Hexachloroethane	9.152	117	161640	21.029	ng/u1	97
22) Nitrobenzene	9.269	77	448429	21.996	ng/u1	98
23) Isophorone	9.799	82	946279	21.237	ng/u1	99
25) 2-Nitrophenol	9.987	139	210966	22.363	ng/u1	96
26) 2,4-Dimethylphenol	10.040	107	459189	21.357	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.281	93	585767	21.172	ng/u1	98
29) 2,4-Dichlorophenol	10.516	162	375541	20.997	ng/u1	99
30) Naphthalene	10.928	128	1341160	21.005	ng/u1	99
32) 4-Chloroaniline	11.034	127	577179	21.649	ng/u1	99
33) Hexachlorobutadiene	11.216	225	224030	20.553	ng/u1	96
34) Caprolactam	11.793	113	124374m	20.392	ng/u1	
35) 4-Chloro-3-methylphenol	12.146	107	421122	21.373	ng/u1	97
36) 2-Methylnaphthalene	12.534	142	892696	21.235	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	895139	21.247	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.893	216	437099	20.232	ng/u1	95
40) Hexachlorocyclopentadiene	12.881	237	220216	18.913	ng/u1	96
41) 2,4,6-Trichlorophenol	13.128	196	290336	20.514	ng/u1	99
42) 2,4,5-Trichlorophenol	13.198	196	316504	20.764	ng/u1	98
43) 1,1'-Biphenyl	13.534	154	1192010	20.843	ng/u1	98
44) 2-Chloronaphthalene	13.575	162	922010	20.692	ng/u1	98
45) 2-Nitroaniline	13.775	65	208985	21.527	ng/u1	99
47) Dimethylphthalate	14.151	163	1157897	20.733	ng/u1	100
48) 2,6-Dinitrotoluene	14.269	165	178567	21.722	ng/u1	94
50) Acenaphthylene	14.416	152	1475528	21.230	ng/u1	99
51) 3-Nitroaniline	14.593	138	211206	21.137	ng/u1	99
52) Acenaphthene	14.757	153	997069	21.031	ng/u1	98
53) 2,4-Dinitrophenol	14.793	184	95351	16.754	ng/u1	99
55) 4-Nitrophenol	14.887	109	166076	20.591	ng/u1	96
56) Dibenzofuran	15.092	168	1363053	20.465	ng/u1	99
57) 2,4-Dinitrotoluene	15.045	165	282794	21.824	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.310	232	269410	20.561	ng/u1	97
59) Diethylphthalate	15.510	149	1149829	20.655	ng/u1	99
61) Fluorene	15.740	166	1106992	21.215	ng/u1	96
62) 4-Chlorophenyl-phenyle...	15.734	204	518499	20.782	ng/u1	97
63) 4-Nitroaniline	15.751	138	212896m	22.032	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.810	198	159397	19.465	ng/u1	99
67) N-Nitrosodiphenylamine	15.945	169	943948	21.215	ng/u1	99
68) 4-Bromophenyl-phenylether	16.628	248	307583	20.590	ng/u1	99
69) Hexachlorobenzene	16.739	284	367813	20.239	ng/u1	96
70) Atrazine	16.892	200	316640	21.023	ng/u1	96
71) Pentachlorophenol	17.081	266	234426	20.852	ng/u1	94
72) Phenanthrene	17.481	178	1763262	21.184	ng/u1	99
74) Anthracene	17.575	178	1814409	21.620	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	460453	21.026	ng/u1	99
76) Pentachlorobenzene	15.010	250	439763	20.609	ng/u1	96
77) Carbazole	17.839	167	1648229	21.930	ng/u1	98
78) Di-n-butylphthalate	18.410	149	1962593	21.938	ng/u1	99
80) Fluoranthene	19.492	202	2027671	21.133	ng/u1	100
82) Pyrene	19.857	202	2111166	20.855	ng/u1	98
83) Butylbenzylphthalate	20.751	149	554740	21.519	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.539	252	628133	23.078	ng/u1	88
85) Benzo(a)anthracene	21.610	228	2073933	21.069	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.533	149	950881	22.226	ng/u1#	98
87) Chrysene	21.669	228	1985601	21.074	ng/u1	96
89) Di-n-octyl phthalate	22.504	149	1676093	19.364	ng/u1	100
90) Benzo(b)fluoranthene	23.380	252	2171466	21.311	ng/u1	97
91) Benzo(k)fluoranthene	23.427	252	2115980	20.996	ng/u1	98
93) Benzo(a)pyrene	24.045	252	1925471	21.338	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.810	276	2550160	22.441	ng/u1	98
95) Dibenzo(a,h)anthracene	26.827	278	2129185	23.010	ng/u1	98
96) Benzo(g,h,i)perylene	27.621	276	2150169	22.933	ng/u1	99

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

