

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021023\
 Data File : BN024006.D
 Acq On : 10 Feb 2023 17:55
 Operator : CG/JU
 Sample : PB150762BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS762

Quant Time: Feb 10 21:58:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 10 21:55:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/13/2023
 Supervised By :mohammad ahmed 02/14/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	142765	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	615777	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.487	164	407650	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	915218	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	763616	20.000	ng/u1	0.00
88) Perylene-d12	23.827	264	714404	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	18607	5.270	ng/uL	0.00
4) Pyridine-d5	3.646	84	262840	26.838	ng/u1	0.00
7) Phenol-d5	7.005	99	352936	28.918	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	226924	29.464	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	274567	28.925	ng/u1	0.00
15) 4-Methylphenol-d8	8.558	113	278432	29.203	ng/u1	0.00
21) Nitrobenzene-d5	9.005	128	137946	28.061	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	156026	28.267	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	295483	28.726	ng/u1	0.00
31) 4-Chloroaniline-d4	10.787	131	362409	26.069	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	871008	27.645	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	989009	28.334	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	164655	30.380	ng/u1	0.00
60) Fluorene-d10	15.487	176	760217	28.657	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	169871	26.864	ng/u1	0.00
73) Anthracene-d10	17.339	188	1172460	28.122	ng/u1	0.00
81) Pyrene-d10	19.633	212	1381149	30.026	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.663	264	1079076	29.524	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	38692	10.361	ng/uL#	91
5) Pyridine	3.670	79	268381	27.258	ng/u1	95
6) Benzaldehyde	6.975	77	211942	40.081	ng/u1	98
8) Phenol	7.034	94	377798	30.667	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.263	93	296987	29.660	ng/u1	98
12) 2-Chlorophenol	7.393	128	291972	30.252	ng/u1	98
13) 2-Methylphenol	8.287	108	275148	29.814	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.375	45	382148	30.637	ng/u1	99
16) Acetophenone	8.663	105	458689	30.839	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.658	70	246973	30.918	ng/u1	98
18) 4-Methylphenol	8.616	108	303608	30.537	ng/u1	98
19) Hexachloroethane	8.910	117	121072	30.023	ng/u1	92
22) Nitrobenzene	9.046	77	372110	29.837	ng/u1	98
23) Isophorone	9.575	82	669759	29.183	ng/u1	99
25) 2-Nitrophenol	9.757	139	167689	29.039	ng/u1	100
26) 2,4-Dimethylphenol	9.822	107	335460	29.156	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.063	93	411332	28.854	ng/u1	99
29) 2,4-Dichlorophenol	10.293	162	291685	29.241	ng/u1	99
30) Naphthalene	10.693	128	957479	28.996	ng/u1	99
32) 4-Chloroaniline	10.810	127	356368	25.678	ng/u1	97
33) Hexachlorobutadiene	10.975	225	203261	28.415	ng/u1	99
34) Caprolactam	11.599	113	89490m	31.548	ng/u1	
35) 4-Chloro-3-methylphenol	11.940	107	319640	30.496	ng/u1	97
36) 2-Methylnaphthalene	12.304	142	647045	29.103	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021023\
 Data File : BN024006.D
 Acq On : 10 Feb 2023 17:55
 Operator : CG/JU
 Sample : PB150762BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS762

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/13/2023
 Supervised By :mohammad ahmed 02/14/2023

Quant Time: Feb 10 21:58:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 10 21:55:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	667299	29.502	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.675	216	396769	27.782	ng/ul	97
40) Hexachlorocyclopentadiene	12.651	237	252800	24.429	ng/ul	95
41) 2,4,6-Trichlorophenol	12.922	196	256012	28.248	ng/ul	93
42) 2,4,5-Trichlorophenol	12.993	196	279647	28.493	ng/ul	98
43) 1,1'-Biphenyl	13.322	154	885656	27.286	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	704102	27.906	ng/ul	99
45) 2-Nitroaniline	13.575	65	222467	30.891	ng/ul	97
47) Dimethylphthalate	13.951	163	894730	28.509	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	180761	29.467	ng/ul	94
50) Acenaphthylene	14.210	152	1068805	28.762	ng/ul	97
51) 3-Nitroaniline	14.404	138	190279	35.221	ng/ul	95
52) Acenaphthene	14.551	153	745603	28.723	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	114122	27.669	ng/ul	99
55) 4-Nitrophenol	14.716	109	150947	31.467	ng/ul	95
56) Dibenzofuran	14.887	168	1061158	28.895	ng/ul	100
57) 2,4-Dinitrotoluene	14.863	165	264930	31.117	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.116	232	245580	28.768	ng/ul	99
59) Diethylphthalate	15.316	149	904134	29.505	ng/ul	99
61) Fluorene	15.540	166	875499	29.088	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.534	204	456787	28.846	ng/ul	96
63) 4-Nitroaniline	15.569	138	197910m	42.757	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.628	198	175308	28.508	ng/ul	99
67) N-Nitrosodiphenylamine	15.751	169	746539	28.305	ng/ul	98
68) 4-Bromophenyl-phenylether	16.428	248	300304	28.003	ng/ul	93
69) Hexachlorobenzene	16.539	284	344889	28.148	ng/ul	96
70) Atrazine	16.710	200	264329	25.653	ng/ul	98
71) Pentachlorophenol	16.887	266	206648	26.551	ng/ul	89
72) Phenanthrene	17.281	178	1414198	29.028	ng/ul	97
74) Anthracene	17.375	178	1398237	28.664	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.287	216	392230	26.718	ng/ul	98
76) Pentachlorobenzene	14.804	250	395533	27.146	ng/ul	94
77) Carbazole	17.645	167	1257753	29.917	ng/ul	99
78) Di-n-butylphthalate	18.210	149	1475350	21.012	ng/ul	99
80) Fluoranthene	19.298	202	1690758	30.892	ng/ul	99
82) Pyrene	19.663	202	1728089	31.018	ng/ul	99
83) Butylbenzylphthalate	20.563	149	620963	28.450	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.357	252	514035	28.617	ng/ul	91
85) Benzo(a)anthracene	21.422	228	1569967	29.670	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	823027	25.412	ng/ul	96
87) Chrysene	21.475	228	1493394	30.498	ng/ul	100
89) Di-n-octyl phthalate	22.269	149	1244134	25.189	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	1418420	30.135	ng/ul	99
91) Benzo(k)fluoranthene	23.151	252	1397564	31.163	ng/ul	97
93) Benzo(a)pyrene	23.716	252	1204391	30.140	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.310	276	1412708	27.390	ng/ul	96
95) Dibenzo(a,h)anthracene	26.315	278	1224466	28.610	ng/ul	97
96) Benzo(g,h,i)perylene	27.057	276	1149874	27.566	ng/ul	98

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

