

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022723\
 Data File : BN024105.D
 Acq On : 27 Feb 2023 12:47
 Operator : CG/JU
 Sample : SST02073
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST020240

Quant Time: Feb 27 14:07:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 27 14:05:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	233526	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	923087	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	544891	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	1189064	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	1142277	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	1304845	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	48163	8.340	ng/uL	0.00
4) Pyridine-d5	3.834	84	323613	20.201	ng/u1	0.00
7) Phenol-d5	7.205	99	398182	19.946	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	247010	19.607	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	330410	21.280	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	313365	20.093	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	135417	18.376	ng/u1	0.00
24) 2-Nitrophenol-d4	9.957	143	147175	17.787	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	314927	20.424	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	424924	20.390	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	891807	21.176	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1061824	22.759	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	153598	21.202	ng/u1	0.00
60) Fluorene-d10	15.692	176	763532	21.532	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	105229	12.809	ng/u1	0.00
73) Anthracene-d10	17.545	188	1162845	21.468	ng/u1	0.00
81) Pyrene-d10	19.833	212	1376023	19.998	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	1460685	21.881	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	51414	8.417	ng/uL	100
5) Pyridine	3.858	79	327431	20.331	ng/u1	100
6) Benzaldehyde	7.193	77	238401	27.562	ng/u1	100
8) Phenol	7.234	94	407896	20.242	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.481	93	328020	20.027	ng/u1	100
12) 2-Chlorophenol	7.622	128	334207	21.170	ng/u1	100
13) 2-Methylphenol	8.499	108	310065	20.540	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.605	45	453260	22.215	ng/u1	100
16) Acetophenone	8.893	105	487735	20.047	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.875	70	240174	18.381	ng/u1	100
18) 4-Methylphenol	8.828	108	335808	20.649	ng/u1	100
19) Hexachloroethane	9.158	117	132388	20.070	ng/u1	100
22) Nitrobenzene	9.275	77	340285	18.201	ng/u1	100
23) Isophorone	9.805	82	711402	20.678	ng/u1	100
25) 2-Nitrophenol	9.993	139	166668	19.254	ng/u1	100
26) 2,4-Dimethylphenol	10.046	107	358180	20.767	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.293	93	423725	19.828	ng/u1	100
29) 2,4-Dichlorophenol	10.522	162	307563	20.568	ng/u1	100
30) Naphthalene	10.940	128	1054247	21.298	ng/u1	100
32) 4-Chloroaniline	11.040	127	428667	20.605	ng/u1	100
33) Hexachlorobutadiene	11.228	225	206637	19.270	ng/u1	100
34) Caprolactam	11.793	113	95851m	22.541	ng/u1	
35) 4-Chloro-3-methylphenol	12.151	107	322214	20.507	ng/u1	100
36) 2-Methylnaphthalene	12.540	142	688088	20.646	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	684279	20.181	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.904	216	381351	19.977	ng/u1	100
40) Hexachlorocyclopentadiene	12.887	237	183308	13.252	ng/u1	100
41) 2,4,6-Trichlorophenol	13.134	196	251485	20.759	ng/u1	100
42) 2,4,5-Trichlorophenol	13.204	196	268350	20.455	ng/u1	100
43) 1,1'-Biphenyl	13.540	154	914722	21.084	ng/u1	100
44) 2-Chloronaphthalene	13.581	162	714422	21.183	ng/u1	100
45) 2-Nitroaniline	13.781	65	134733	13.997	ng/u1	100
47) Dimethylphthalate	14.157	163	877652	20.921	ng/u1	100
48) 2,6-Dinitrotoluene	14.275	165	119125	14.528	ng/u1	100
50) Acenaphthylene	14.428	152	1128109	22.712	ng/u1	100
51) 3-Nitroaniline	14.598	138	143891	19.926	ng/u1	100
52) Acenaphthene	14.763	153	762968	21.989	ng/u1	100
53) 2,4-Dinitrophenol	14.798	184	69125	12.538	ng/u1	100
55) 4-Nitrophenol	14.887	109	121090	18.885	ng/u1	100
56) Dibenzofuran	15.098	168	1058097	21.555	ng/u1	100
57) 2,4-Dinitrotoluene	15.051	165	183809	16.152	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.316	232	225456	19.759	ng/u1	100
59) Diethylphthalate	15.516	149	858736	20.965	ng/u1	100
61) Fluorene	15.745	166	850182	21.132	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.740	204	424229	20.043	ng/u1	100
63) 4-Nitroaniline	15.757	138	139110	22.484	ng/u1	100
66) 4,6-Dinitro-2-methylph...	15.810	198	111383	13.941	ng/u1	100
67) N-Nitrosodiphenylamine	15.951	169	730710	21.324	ng/u1	100
68) 4-Bromophenyl-phenylether	16.634	248	272620	19.567	ng/u1	100
69) Hexachlorobenzene	16.751	284	319170	20.050	ng/u1	100
70) Atrazine	16.898	200	252410	18.855	ng/u1	100
71) Pentachlorophenol	17.092	266	195154	19.300	ng/u1	100
72) Phenanthrene	17.486	178	1365518	21.574	ng/u1	100
74) Anthracene	17.581	178	1383081	21.823	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.504	216	391564	20.529	ng/uL	100
76) Pentachlorobenzene	15.016	250	367572	19.417	ng/uL	100
77) Carbazole	17.845	167	1260521	23.078	ng/u1	100
78) Di-n-butylphthalate	18.416	149	1400975	15.358	ng/u1	100
80) Fluoranthene	19.498	202	1629279	19.901	ng/u1	100
82) Pyrene	19.863	202	1693748	20.324	ng/u1	100
83) Butylbenzylphthalate	20.763	149	247205	7.571	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.551	252	514228	19.138	ng/u1	100
85) Benzo(a)anthracene	21.622	228	1709365	21.596	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.551	149	472663	9.756	ng/u1	100
87) Chrysene	21.674	228	1589263	21.697	ng/u1	100
89) Di-n-octyl phthalate	22.527	149	958156	10.621	ng/u1	100
90) Benzo(b)fluoranthene	23.380	252	1784928	20.762	ng/u1	100
91) Benzo(k)fluoranthene	23.433	252	1667270	20.355	ng/u1	100
93) Benzo(a)pyrene	24.051	252	1582427	21.681	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.821	276	2115622	22.458	ng/u1	100
95) Dibenzo(a,h)anthracene	26.845	278	1739920	22.258	ng/u1	100
96) Benzo(g,h,i)perylene	27.639	276	1733297	22.750	ng/u1	100

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

Manual Integrations

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