

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
 Data File : BM043531.D
 Acq On : 22 Dec 2023 09:23
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020172

Quant Time: Dec 23 01:24:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 21:59:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	234806	20.000	ng/u1	0.00
20) Naphthalene-d8	10.780	136	1020784	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	572146	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	1103015	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	951613	20.000	ng/u1	0.00
88) Perylene-d12	23.944	264	1021829	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	57952	8.021	ng/uL	0.00
4) Pyridine-d5	3.793	84	421548	20.273	ng/u1	0.00
7) Phenol-d5	7.128	99	500629	18.742	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	323692	19.135	ng/u1	0.00
11) 2-Chlorophenol-d4	7.498	132	370301	18.157	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	376638	18.171	ng/u1	0.00
21) Nitrobenzene-d5	9.139	128	179762	18.201	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	173168	16.970	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	326355	18.117	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	506990	19.130	ng/u1	0.00
46) Dimethylphthalate-d6	14.021	166	943562	18.320	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	1141852	18.689	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	197750	20.286	ng/u1	0.00
60) Fluorene-d10	15.598	176	809824	19.014	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	118228	16.207	ng/u1	0.00
73) Anthracene-d10	17.451	188	1175876	19.009	ng/u1	0.00
81) Pyrene-d10	19.739	212	1201525	15.993	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.785	264	1171582	18.580	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	64492	8.080	ng/uL	96
5) Pyridine	3.810	79	435225	20.240	ng/u1	94
6) Benzaldehyde	7.116	77	253091m	19.983	ng/u1	
8) Phenol	7.157	94	500486	19.045	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.404	93	403810	18.928	ng/u1	98
12) 2-Chlorophenol	7.528	128	382135	18.393	ng/u1	99
13) 2-Methylphenol	8.416	108	357642	17.923	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.498	45	689237	19.239	ng/u1	98
16) Acetophenone	8.804	105	592909	18.684	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.786	70	332183	17.538	ng/u1	98
18) 4-Methylphenol	8.745	108	398904	18.446	ng/u1	99
19) Hexachloroethane	9.045	117	159786	18.240	ng/u1	97
22) Nitrobenzene	9.186	77	477013	19.516	ng/u1	96
23) Isophorone	9.710	82	867543	17.498	ng/u1	97
25) 2-Nitrophenol	9.892	139	198402	18.294	ng/u1	98
26) 2,4-Dimethylphenol	9.951	107	372804	19.297	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.198	93	538035	18.378	ng/u1	99
29) 2,4-Dichlorophenol	10.422	162	322678	18.458	ng/u1	99
30) Naphthalene	10.827	128	1237633	19.024	ng/u1	99
32) 4-Chloroaniline	10.945	127	501248	19.669	ng/u1	99
33) Hexachlorobutadiene	11.098	225	157858	17.710	ng/u1	99
34) Caprolactam	11.733	113	103351	18.500	ng/u1	97
35) 4-Chloro-3-methylphenol	12.063	107	373319	18.181	ng/u1	99
36) 2-Methylnaphthalene	12.433	142	806426	18.210	ng/u1	99

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37) 1-Methylnaphthalene	12.651	142	814850	18.243	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.798	216	307690	17.650	ng/ul	97
40) Hexachlorocyclopentadiene	12.768	237	207532	18.973	ng/ul	97
41) 2,4,6-Trichlorophenol	13.039	196	215710	17.408	ng/ul	95
42) 2,4,5-Trichlorophenol	13.110	196	236174	17.950	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1019361	18.690	ng/ul	99
44) 2-Chloronaphthalene	13.486	162	795733	19.030	ng/ul	99
45) 2-Nitroaniline	13.698	65	272171	19.411	ng/ul	98
47) Dimethylphthalate	14.068	163	959884	18.871	ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	177318	18.031	ng/ul	93
50) Acenaphthylene	14.327	152	1341288	19.117	ng/ul	99
51) 3-Nitroaniline	14.521	138	217160	19.236	ng/ul	98
52) Acenaphthene	14.668	153	888528	19.215	ng/ul	99
53) 2,4-Dinitrophenol	14.727	184	111961	21.387	ng/ul	92
55) 4-Nitrophenol	14.815	109	160985	21.268	ng/ul	93
56) Dibenzofuran	15.004	168	1137311	19.044	ng/ul	99
57) 2,4-Dinitrotoluene	14.974	165	261454	18.819	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.227	232	173222	17.184	ng/ul	95
59) Diethylphthalate	15.433	149	1010730	19.390	ng/ul	98
61) Fluorene	15.651	166	982451	19.256	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.651	204	408759	18.214	ng/ul	98
63) 4-Nitroaniline	15.680	138	229383	22.199	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.733	198	129673	16.649	ng/ul	96
67) N-Nitrosodiphenylamine	15.862	169	789332	18.631	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	217784	16.666	ng/ul	94
69) Hexachlorobenzene	16.645	284	269918	18.029	ng/ul	96
70) Atrazine	16.821	200	155702	16.766	ng/ul	94
71) Pentachlorophenol	16.992	266	178039	19.671	ng/ul	99
72) Phenanthrene	17.392	178	1444326	19.320	ng/ul	100
74) Anthracene	17.480	178	1478071	19.591	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	309924	17.109	ng/uL	98
76) Pentachlorobenzene	14.915	250	303473	17.205	ng/uL	97
77) Carbazole	17.756	167	1380525	21.439	ng/ul	99
78) Di-n-butylphthalate	18.327	149	1673154	19.875	ng/ul	100
80) Fluoranthene	19.403	202	1473128	15.834	ng/ul	99
82) Pyrene	19.768	202	1573984	16.456	ng/ul	100
83) Butylbenzylphthalate	20.674	149	723478	17.495	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.450	252	457118	19.504	ng/ul	99
85) Benzo(a)anthracene	21.509	228	1494010	18.775	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	1135592	19.289	ng/ul	98
87) Chrysene	21.562	228	1362855	19.038	ng/ul	99
89) Di-n-octyl phthalate	22.391	149	1807545	18.492	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	1450186	18.520	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	1424717	18.655	ng/ul	99
93) Benzo(a)pyrene	23.838	252	1356607	18.989	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.456	276	1700532	19.935	ng/ul	98
95) Dibenzo(a,h)anthracene	26.479	278	1438845	20.370	ng/ul	98
96) Benzo(g,h,i)perylene	27.226	276	1316798	19.692	ng/ul	99

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

