

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011524\
 Data File : BM043834.D
 Acq On : 15 Jan 2024 10:14
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020190

Quant Time: Jan 16 01:12:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 01:07:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	291627	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	1335500	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	852053	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	1802796	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1657640	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	1677752	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	52564	6.959	ng/uL	0.00
4) Pyridine-d5	3.775	84	392604	16.874	ng/u1	0.00
7) Phenol-d5	7.110	99	492073	16.673	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.287	67	322392	17.530	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	374496	17.443	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	396096	16.849	ng/u1	-0.01
21) Nitrobenzene-d5	9.122	128	193644	17.301	ng/u1	0.00
24) 2-Nitrophenol-d4	9.845	143	211703	16.797	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	391289	17.337	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	590256	16.512	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	1217611	17.061	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	1422819	17.502	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	213111	15.267	ng/u1	-0.01
60) Fluorene-d10	15.580	176	1036366	17.255	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	186995	14.691	ng/u1	0.00
73) Anthracene-d10	17.439	188	1605146	17.496	ng/u1	0.00
81) Pyrene-d10	19.733	212	1761594	17.206	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	1598772	17.263	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	56524	7.133	ng/uL	100
5) Pyridine	3.799	79	405198	16.973	ng/u1	98
6) Benzaldehyde	7.092	77	269720m	23.155	ng/u1	
8) Phenol	7.140	94	500585	16.887	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.375	93	415011	17.365	ng/u1	97
12) 2-Chlorophenol	7.504	128	394343	17.696	ng/u1	98
13) 2-Methylphenol	8.398	108	376838	16.504	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	727382	18.052	ng/u1	98
16) Acetophenone	8.781	105	633531	17.380	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.763	70	365497	18.140	ng/u1	96
18) 4-Methylphenol	8.728	108	419761	16.922	ng/u1	96
19) Hexachloroethane	9.010	117	170757	17.682	ng/u1	98
22) Nitrobenzene	9.163	77	505838	18.126	ng/u1	100
23) Isophorone	9.692	82	1001933	17.503	ng/u1	99
25) 2-Nitrophenol	9.875	139	229139	17.201	ng/u1	94
26) 2,4-Dimethylphenol	9.933	107	454787	17.601	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.175	93	599015	17.643	ng/u1	99
29) 2,4-Dichlorophenol	10.410	162	389446	17.404	ng/u1	98
30) Naphthalene	10.804	128	1373618	17.677	ng/u1	100
32) 4-Chloroaniline	10.933	127	581247	16.732	ng/u1	100
33) Hexachlorobutadiene	11.069	225	215615	17.220	ng/u1	99
34) Caprolactam	11.733	113	129015	16.014	ng/u1	97
35) 4-Chloro-3-methylphenol	12.057	107	431200	17.391	ng/u1	100
36) 2-Methylnaphthalene	12.416	142	954511	17.621	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	942942	17.459	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.780	216	437714	17.274	ng/ul	97
40) Hexachlorocyclopentadiene	12.739	237	241785	14.267	ng/ul	100
41) 2,4,6-Trichlorophenol	13.027	196	305131	16.959	ng/ul	100
42) 2,4,5-Trichlorophenol	13.104	196	330504	17.300	ng/ul	99
43) 1,1'-Biphenyl	13.427	154	1275692	17.534	ng/ul	100
44) 2-Chloronaphthalene	13.469	162	981155	17.502	ng/ul	99
45) 2-Nitroaniline	13.692	65	314447	17.772	ng/ul	95
47) Dimethylphthalate	14.057	163	1236929	17.242	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	238077	16.744	ng/ul	95
50) Acenaphthylene	14.316	152	1674552	17.638	ng/ul	99
51) 3-Nitroaniline	14.521	138	244526	16.264	ng/ul	98
52) Acenaphthene	14.651	153	1115978	17.727	ng/ul	99
53) 2,4-Dinitrophenol	14.733	184	114532	12.963	ng/ul	94
55) 4-Nitrophenol	14.833	109	172225	16.171	ng/ul	92
56) Dibenzofuran	14.986	168	1486327	17.572	ng/ul	99
57) 2,4-Dinitrotoluene	14.980	165	356915	17.040	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.216	232	270185	16.974	ng/ul	100
59) Diethylphthalate	15.415	149	1290513	16.874	ng/ul	98
61) Fluorene	15.639	166	1293522	17.839	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.633	204	588670	17.343	ng/ul	99
63) 4-Nitroaniline	15.686	138	212118	17.561	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.739	198	204009	14.890	ng/ul	94
67) N-Nitrosodiphenylamine	15.851	169	1028365	17.333	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	336038	16.660	ng/ul	99
69) Hexachlorobenzene	16.633	284	400422	16.828	ng/ul	97
70) Atrazine	16.815	200	334303	15.578	ng/ul	98
71) Pentachlorophenol	16.992	266	215315	14.393	ng/ul	99
72) Phenanthrene	17.386	178	1945752	17.575	ng/ul	99
74) Anthracene	17.474	178	1990728	17.669	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.386	216	430859	17.048	ng/ul	99
76) Pentachlorobenzene	14.904	250	433906	16.826	ng/ul	99
77) Carbazole	17.756	167	1761432	16.865	ng/ul	100
78) Di-n-butylphthalate	18.315	149	2287598	16.129	ng/ul	100
80) Fluoranthene	19.403	202	2155301	17.204	ng/ul	98
82) Pyrene	19.762	202	2303644	17.745	ng/ul	99
83) Butylbenzylphthalate	20.668	149	1010838	16.466	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.450	252	665690	16.681	ng/ul	99
85) Benzo(a)anthracene	21.515	228	2229346	17.613	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	1571217	16.071	ng/ul	100
87) Chrysene	21.568	228	1975192	17.288	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	2497930	15.993	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	2009467	17.088	ng/ul	99
91) Benzo(k)fluoranthene	23.262	252	2035727	17.575	ng/ul	100
93) Benzo(a)pyrene	23.844	252	1874792	17.417	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.479	276	2251804	18.330	ng/ul	99
95) Dibenzo(a,h)anthracene	26.497	278	1868955	18.361	ng/ul	100
96) Benzo(g,h,i)perylene	27.250	276	1719601	18.434	ng/ul	100

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

