

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
 Data File : BM036739.D
 Acq On : 26 Sep 2022 11:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020189

Quant Time: Sep 26 23:12:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 26 23:10:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/27/2022
 Supervised By :mohammad ahmed 09/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	340365	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1487684	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	904828	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1758046	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1411068	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	1180343	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	64570	7.112	ng/uL	0.00
4) Pyridine-d5	3.810	84	484192	18.286	ng/u1	0.00
7) Phenol-d5	7.163	99	573816	18.865	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.333	67	357110	19.333	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	440551	20.118	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	450693	20.053	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	222101	22.057	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	208798	23.150	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	428910	20.520	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	653057	18.792	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	1181096	19.354	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	1409404	19.470	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	194570	16.438	ng/u1	0.00
60) Fluorene-d10	15.615	176	1066631	19.504	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	119164	17.132	ng/u1	0.00
73) Anthracene-d10	17.462	188	1562923	19.444	ng/u1	0.00
81) Pyrene-d10	19.744	212	1627822	23.449	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	1149233	19.929	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	70522	7.210	ng/uL	94
5) Pyridine	3.834	79	486885	18.302	ng/u1	96
6) Benzaldehyde	7.139	77	329347m	22.360	ng/u1	
8) Phenol	7.186	94	615968	18.869	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	491352	19.345	ng/u1	100
12) 2-Chlorophenol	7.563	128	480100	20.267	ng/u1	99
13) 2-Methylphenol	8.445	108	463244	19.306	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.539	45	593167	19.704	ng/u1	99
16) Acetophenone	8.833	105	769548	19.740	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.816	70	378099	20.101	ng/u1	98
18) 4-Methylphenol	8.775	108	513974	19.808	ng/u1	99
19) Hexachloroethane	9.092	117	188444	19.640	ng/u1	96
22) Nitrobenzene	9.210	77	571327	21.370	ng/u1	99
23) Isophorone	9.745	82	1019065	18.695	ng/u1	100
25) 2-Nitrophenol	9.927	139	245476	22.035	ng/u1	99
26) 2,4-Dimethylphenol	9.986	107	553416	20.142	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.222	93	651873	20.063	ng/u1	100
29) 2,4-Dichlorophenol	10.457	162	451060	20.527	ng/u1	99
30) Naphthalene	10.869	128	1623731	20.035	ng/u1	99
32) 4-Chloroaniline	10.974	127	670763	18.695	ng/u1	99
33) Hexachlorobutadiene	11.151	225	257911	19.190	ng/u1	98
34) Caprolactam	11.757	113	123283	17.295	ng/u1	96
35) 4-Chloro-3-methylphenol	12.092	107	485490	20.014	ng/u1	98
36) 2-Methylnaphthalene	12.468	142	1062824	19.683	ng/u1	99

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37) 1-Methylnaphthalene	12.686	142	1064445	19.609	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.827	216	515678	20.136	ng/u1	99
40) Hexachlorocyclopentadiene	12.810	237	217171	16.272	ng/u1	100
41) 2,4,6-Trichlorophenol	13.068	196	319611	20.382	ng/u1	100
42) 2,4,5-Trichlorophenol	13.139	196	347880	20.692	ng/u1	98
43) 1,1'-Biphenyl	13.468	154	1355715	20.326	ng/u1	99
44) 2-Chloronaphthalene	13.510	162	1063541	20.320	ng/u1	99
45) 2-Nitroaniline	13.715	65	292200	22.682	ng/u1	99
47) Dimethylphthalate	14.086	163	1254438	19.378	ng/u1	99
48) 2,6-Dinitrotoluene	14.204	165	226350	21.507	ng/u1	95
50) Acenaphthylene	14.351	152	1630354	19.700	ng/u1	100
51) 3-Nitroaniline	14.533	138	254515	20.163	ng/u1#	96
52) Acenaphthene	14.692	153	1146714	19.803	ng/u1	99
53) 2,4-Dinitrophenol	14.733	184	66103	14.155	ng/u1	94
55) 4-Nitrophenol	14.833	109	169418	16.744	ng/u1	97
56) Dibenzofuran	15.027	168	1552180	19.959	ng/u1	99
57) 2,4-Dinitrotoluene	14.986	165	329061	21.507	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.245	232	273241	19.416	ng/u1	94
59) Diethylphthalate	15.445	149	1253075	19.337	ng/u1	99
61) Fluorene	15.674	166	1298367	19.603	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.668	204	612625	19.340	ng/u1	99
63) 4-Nitroaniline	15.692	138	227264	18.531	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.745	198	135513	17.265	ng/u1	95
67) N-Nitrosodiphenylamine	15.880	169	1045717	20.196	ng/u1	99
68) 4-Bromophenyl-phenylether	16.556	248	324930	18.752	ng/u1	98
69) Hexachlorobenzene	16.668	284	383285	18.701	ng/u1	94
70) Atrazine	16.827	200	334127	18.286	ng/u1	98
71) Pentachlorophenol	17.015	266	195861	16.088	ng/u1	98
72) Phenanthrene	17.409	178	1938954	20.023	ng/u1	100
74) Anthracene	17.498	178	1959910	19.912	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	503969	20.959	ng/uL	99
76) Pentachlorobenzene	14.945	250	520018	19.995	ng/uL	99
77) Carbazole	17.768	167	1711902	18.786	ng/u1	100
78) Di-n-butylphthalate	18.333	149	2043824	19.788	ng/u1	100
80) Fluoranthene	19.415	202	2027359	23.833	ng/u1	100
82) Pyrene	19.774	202	2147507	23.849	ng/u1	98
83) Butylbenzylphthalate	20.668	149	786167	23.041	ng/u1	91
84) 3,3'-Dichlorobenzidine	21.450	252	527993	19.150	ng/u1	98
85) Benzo(a)anthracene	21.515	228	1780806	20.142	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.444	149	1246096	25.001	ng/u1	99
87) Chrysene	21.568	228	1674899	19.959	ng/u1	100
89) Di-n-octyl phthalate	22.380	149	1802092	25.325	ng/u1	100
90) Benzo(b)fluoranthene	23.221	252	1561067	20.856	ng/u1	99
91) Benzo(k)fluoranthene	23.268	252	1553364	20.769	ng/u1	99
93) Benzo(a)pyrene	23.856	252	1330711	20.223	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.497	276	1428411	18.589	ng/u1	97
95) Dibenzo(a,h)anthracene	26.515	278	1272914	18.266	ng/u1	98
96) Benzo(g,h,i)perylene	27.273	276	1229877	18.463	ng/u1	98

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

