

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081222\
 Data File : BM036266.D
 Acq On : 13 Aug 2022 13:58
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020144

Quant Time: Aug 14 23:03:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 11:23:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/16/2022
 Supervised By :Sohil Jodhani 08/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	218313	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	943605	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	563071	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	1175000	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	1226941	20.000	ng/u1	0.00
88) Perylene-d12	23.715	264	1282546	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	46163	7.957	ng/uL	0.00
4) Pyridine-d5	3.640	84	312921	19.688	ng/u1	0.00
7) Phenol-d5	6.992	99	361252	19.732	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.145	67	231775	18.991	ng/u1	0.00
11) 2-Chlorophenol-d4	7.345	132	315315	20.750	ng/u1	0.00
15) 4-Methylphenol-d8	8.539	113	291552	19.658	ng/u1	-0.01
21) Nitrobenzene-d5	8.980	128	153222	20.492	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	156173	21.438	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	273686	20.772	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.763	131	454339	20.370	ng/u1	0.00
46) Dimethylphthalate-d6	13.868	166	784737	20.460	ng/u1	-0.01
49) Acenaphthylene-d8	14.145	160	994573	20.323	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.680	143	146563	18.608	ng/u1	-0.02
60) Fluorene-d10	15.445	176	712538	20.558	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	120757	19.119	ng/u1	0.00
73) Anthracene-d10	17.292	188	1091712	20.551	ng/u1	-0.01
81) Pyrene-d10	19.586	212	1283914	18.881	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	1297182	19.922	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	48820	8.120	ng/uL	95
5) Pyridine	3.657	79	324905	19.480	ng/u1	88
6) Benzaldehyde	6.951	77	166693	21.694	ng/u1	91
8) Phenol	7.022	94	397892	19.860	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.239	93	313461	19.461	ng/u1	96
12) 2-Chlorophenol	7.375	128	323430	20.748	ng/u1	98
13) 2-Methylphenol	8.269	108	293603	19.617	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.351	45	403640m	18.985	ng/u1	
16) Acetophenone	8.639	105	466914	19.608	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.622	70	230959	19.450	ng/u1	93
18) 4-Methylphenol	8.604	108	318716	19.850	ng/u1	97
19) Hexachloroethane	8.880	117	129749	20.173	ng/u1	93
22) Nitrobenzene	9.022	77	345684	20.203	ng/u1	98
23) Isophorone	9.545	82	620227	19.202	ng/u1	97
25) 2-Nitrophenol	9.728	139	171794	21.257	ng/u1	98
26) 2,4-Dimethylphenol	9.798	107	341806	20.698	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.033	93	397335	19.505	ng/u1	99
29) 2,4-Dichlorophenol	10.269	162	282952	20.691	ng/u1	98
30) Naphthalene	10.663	128	1024311	20.566	ng/u1	100
32) 4-Chloroaniline	10.786	127	448383	20.237	ng/u1	100
33) Hexachlorobutadiene	10.939	225	171588	20.325	ng/u1	99
34) Caprolactam	11.574	113	86774m	19.200	ng/u1	
35) 4-Chloro-3-methylphenol	11.921	107	293683	20.653	ng/u1	96
36) 2-Methylnaphthalene	12.274	142	658448	20.207	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	668399	20.350	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.639	216	316730	19.761	ng/ul	99
40) Hexachlorocyclopentadiene	12.616	237	162744	15.245	ng/ul	99
41) 2,4,6-Trichlorophenol	12.892	196	206365	20.119	ng/ul	99
42) 2,4,5-Trichlorophenol	12.968	196	217805	19.901	ng/ul	100
43) 1,1'-Biphenyl	13.286	154	863816	19.931	ng/ul	98
44) 2-Chloronaphthalene	13.327	162	675177	20.300	ng/ul	99
45) 2-Nitroaniline	13.545	65	190817	20.809	ng/ul	95
47) Dimethylphthalate	13.921	163	791999	20.529	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	159464	20.819	ng/ul	95
50) Acenaphthylene	14.174	152	1116715	20.628	ng/ul	100
51) 3-Nitroaniline	14.374	138	127802	15.097	ng/ul	100
52) Acenaphthene	14.515	153	719490	20.486	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	72864	16.754	ng/ul	97
55) 4-Nitrophenol	14.698	109	113470	18.837	ng/ul	83
56) Dibenzofuran	14.851	168	1010492	20.795	ng/ul	100
57) 2,4-Dinitrotoluene	14.827	165	234483	21.717	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.080	232	179635	20.890	ng/ul#	93
59) Diethylphthalate	15.280	149	797425	20.434	ng/ul	99
61) Fluorene	15.498	166	811599	20.446	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	379224	19.939	ng/ul	96
63) 4-Nitroaniline	15.539	138	120807m	15.502	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	121441	19.215	ng/ul	93
67) N-Nitrosodiphenylamine	15.709	169	677516	19.613	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	219805	19.082	ng/ul	97
69) Hexachlorobenzene	16.498	284	270471	19.271	ng/ul	97
70) Atrazine	16.668	200	230847	19.267	ng/ul	99
71) Pentachlorophenol	16.851	266	141834	16.542	ng/ul	99
72) Phenanthrene	17.239	178	1287737	20.448	ng/ul	99
74) Anthracene	17.327	178	1303962	20.635	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	331943	18.166	ng/uL	98
76) Pentachlorobenzene	14.768	250	322637	19.479	ng/uL	97
77) Carbazole	17.609	167	1220482	20.911	ng/ul	99
78) Di-n-butylphthalate	18.168	149	1334097	20.259	ng/ul	100
80) Fluoranthene	19.256	202	1510925	18.597	ng/ul	96
82) Pyrene	19.615	202	1575196	18.810	ng/ul	98
83) Butylbenzylphthalate	20.521	149	610685	20.051	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.303	252	477119	21.073	ng/ul	98
85) Benzo(a)anthracene	21.362	228	1551504	20.091	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.291	149	855473	19.439	ng/ul	97
87) Chrysene	21.415	228	1508515	20.020	ng/ul	100
89) Di-n-octyl phthalate	22.197	149	1479830	17.867	ng/ul	100
90) Benzo(b)fluoranthene	23.003	252	1685490	19.692	ng/ul	97
91) Benzo(k)fluoranthene	23.050	252	1515801	18.662	ng/ul	97
93) Benzo(a)pyrene	23.609	252	1617017	19.834	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.132	276	1891750	21.769	ng/ul	94
95) Dibenzo(a,h)anthracene	26.144	278	1620779	21.739	ng/ul	97
96) Benzo(g,h,i)perylene	26.879	276	1595983	22.162	ng/ul	96

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

