

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
 Data File : BM033976.D
 Acq On : 02 Feb 2022 16:03
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020090

Quant Time: Feb 03 03:13:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 01 02:16:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2022
 Supervised By :Yogesh Patel 02/04/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	108624	20.000	ng/u1	0.00
20) Naphthalene-d8	10.736	136	503687	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.566	164	342090	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.301	188	670477	20.000	ng/u1	0.00
79) Chrysene-d12	21.465	240	508419	20.000	ng/u1	0.00
88) Perylene-d12	23.853	264	480408	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	22956	8.335	ng/uL	0.00
4) Pyridine-d5	3.713	84	157774	20.523	ng/u1	0.00
7) Phenol-d5	7.078	99	191688	21.064	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	123592	22.277	ng/u1	0.00
11) 2-Chlorophenol-d4	7.454	132	157010	21.535	ng/u1	0.00
15) 4-Methylphenol-d8	8.637	113	166109	23.035	ng/u1	0.00
21) Nitrobenzene-d5	9.084	128	81757	20.229	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.813	143	89274	20.455	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.354	165	164845	20.872	ng/u1	0.00
31) 4-Chloroaniline-d4	10.872	131	235953	21.634	ng/u1	0.00
46) Dimethylphthalate-d6	13.972	166	531405	20.788	ng/u1	0.00
49) Acenaphthylene-d8	14.260	160	640325	20.448	ng/u1	0.00
54) 4-Nitrophenol-d4	14.748	143	83552	19.131	ng/u1	0.00
60) Fluorene-d10	15.554	176	446021	20.896	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.666	200	76111	18.082	ng/u1	0.00
73) Anthracene-d10	17.395	188	645460	20.102	ng/u1	0.00
81) Pyrene-d10	19.683	212	654234	21.796	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.700	264	509596	20.196	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.325	88	24373	8.109	ng/uL#	80
5) Pyridine	3.731	79	164528	20.734	ng/u1	88
6) Benzaldehyde	7.054	77	132214	24.063	ng/u1	85
8) Phenol	7.107	94	197955	21.212	ng/u1	87
10) Bis(2-Chloroethyl)ether	7.343	93	162331	22.023	ng/u1	91
12) 2-Chlorophenol	7.484	128	160742	21.043	ng/u1	90
13) 2-Methylphenol	8.366	108	157774	22.384	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.460	45	230916	23.271	ng/u1#	95
16) Acetophenone	8.748	105	269646	23.555	ng/u1	89
17) N-Nitroso-di-n-propyla...	8.737	70	143295	24.656	ng/u1#	89
18) 4-Methylphenol	8.701	108	173076	23.016	ng/u1	100
19) Hexachloroethane	9.013	117	69501	20.970	ng/u1#	88
22) Nitrobenzene	9.131	77	205481	20.537	ng/u1#	89
23) Isophorone	9.660	82	398967	22.218	ng/u1	96
25) 2-Nitrophenol	9.842	139	93614	19.991	ng/u1	89
26) 2,4-Dimethylphenol	9.907	107	215705	21.117	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.142	93	237963	21.316	ng/u1	98
29) 2,4-Dichlorophenol	10.384	162	163552	20.726	ng/u1	97
30) Naphthalene	10.789	128	565097	20.282	ng/u1	98
32) 4-Chloroaniline	10.889	127	235474	21.264	ng/u1	99
33) Hexachlorobutadiene	11.084	225	116026	19.870	ng/u1	97
34) Caprolactam	11.660	113	50774	22.608	ng/u1	81
35) 4-Chloro-3-methylphenol	12.019	107	203572	22.513	ng/u1	90
36) 2-Methylnaphthalene	12.395	142	398628	21.717	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.613	142	405373	21.543	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.766	216	211052	19.398	ng/ul	98
40) Hexachlorocyclopentadiene	12.748	237	142295	17.729	ng/ul	98
41) 2,4,6-Trichlorophenol	13.001	196	134653	19.875	ng/ul	100
42) 2,4,5-Trichlorophenol	13.072	196	146966	20.449	ng/ul	92
43) 1,1'-Biphenyl	13.401	154	545538	19.894	ng/ul	99
44) 2-Chloronaphthalene	13.442	162	410036	19.832	ng/ul	98
45) 2-Nitroaniline	13.642	65	127660	20.982	ng/ul#	81
47) Dimethylphthalate	14.019	163	535590	20.860	ng/ul	99
48) 2,6-Dinitrotoluene	14.136	165	105249	21.477	ng/ul	94
50) Acenaphthylene	14.283	152	684245	20.494	ng/ul	99
51) 3-Nitroaniline	14.460	138	101837	21.050	ng/ul	86
52) Acenaphthene	14.624	153	448186	20.504	ng/ul	96
53) 2,4-Dinitrophenol	14.666	184	50417	16.860	ng/ul	90
55) 4-Nitrophenol	14.766	109	83974	19.917	ng/ul	88
56) Dibenzofuran	14.960	168	636958	20.706	ng/ul	100
57) 2,4-Dinitrotoluene	14.919	165	146818	20.998	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.183	232	122111	20.651	ng/ul#	98
59) Diethylphthalate	15.377	149	548516	20.975	ng/ul	100
61) Fluorene	15.607	166	519933	21.120	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.601	204	263140	20.926	ng/ul	98
63) 4-Nitroaniline	15.618	138	100618m	21.561	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.677	198	77308	18.382	ng/ul	98
67) N-Nitrosodiphenylamine	15.813	169	432846	20.804	ng/ul	99
68) 4-Bromophenyl-phenylether	16.495	248	152608	21.066	ng/ul	99
69) Hexachlorobenzene	16.613	284	172029	20.768	ng/ul	98
70) Atrazine	16.760	200	157512	20.119	ng/ul	98
71) Pentachlorophenol	16.954	266	100320	18.883	ng/ul	97
72) Phenanthrene	17.342	178	758967	20.130	ng/ul	99
74) Anthracene	17.430	178	775793	20.475	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.372	216	231042	19.717	ng/uL	97
76) Pentachlorobenzene	14.883	250	215164	20.598	ng/uL	98
77) Carbazole	17.701	167	649273	19.359	ng/ul	99
78) Di-n-butylphthalate	18.265	149	833219	19.979	ng/ul	99
80) Fluoranthene	19.348	202	791474	22.028	ng/ul	99
82) Pyrene	19.712	202	797289	21.711	ng/ul	99
83) Butylbenzylphthalate	20.601	149	309206	20.665	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.377	252	214464	21.197	ng/ul#	96
85) Benzo(a)anthracene	21.448	228	673597	20.451	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.377	149	453510	20.784	ng/ul	98
87) Chrysene	21.500	228	655192	20.355	ng/ul	99
89) Di-n-octyl phthalate	22.295	149	725554	20.857	ng/ul	100
90) Benzo(b)fluoranthene	23.124	252	653883	20.037	ng/ul	99
91) Benzo(k)fluoranthene	23.171	252	608962	20.326	ng/ul	99
93) Benzo(a)pyrene	23.747	252	622400	20.170	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.341	276	716547	20.089	ng/ul	98
95) Dibenzo(a,h)anthracene	26.365	278	622633	20.168	ng/ul	99
96) Benzo(g,h,i)perylene	27.112	276	607122	20.244	ng/ul	99

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

