

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012822\
 Data File : BM033906.D
 Acq On : 28 Jan 2022 16:33
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020085

Quant Time: Jan 28 23:34:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 28 23:26:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2022
 Supervised By :mohammad ahmed 02/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	81419	20.000	ng/u1	0.00
20) Naphthalene-d8	10.748	136	335610	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.571	164	218205	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.307	188	460052	20.000	ng/u1	0.00
79) Chrysene-d12	21.471	240	482314	20.000	ng/u1	0.00
88) Perylene-d12	23.865	264	496403	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.290	96	19174	8.848	ng/uL	0.00
4) Pyridine-d5	3.713	84	127866	21.247	ng/u1	0.00
7) Phenol-d5	7.090	99	144752	19.794	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.254	67	94360	21.189	ng/u1	0.00
11) 2-Chlorophenol-d4	7.460	132	122670	21.941	ng/u1	0.00
15) 4-Methylphenol-d8	8.642	113	119006	19.659	ng/u1	0.00
21) Nitrobenzene-d5	9.095	128	58563	22.096	ng/u1	0.00
24) 2-Nitrophenol-d4	9.819	143	61910	22.040	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.366	165	117650	21.848	ng/u1	0.00
31) 4-Chloroaniline-d4	10.878	131	169334	21.154	ng/u1	0.00
46) Dimethylphthalate-d6	13.977	166	367317	21.366	ng/u1	0.00
49) Acenaphthylene-d8	14.266	160	440383	21.713	ng/u1	0.00
54) 4-Nitrophenol-d4	14.754	143	58121	17.615	ng/u1	0.00
60) Fluorene-d10	15.560	176	315313	22.107	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.671	200	50852	18.582	ng/u1	0.00
73) Anthracene-d10	17.407	188	495225	22.184	ng/u1	0.00
81) Pyrene-d10	19.689	212	585354	22.473	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.706	264	583753	22.601	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.325	88	19694	8.706	ng/uL#	92
5) Pyridine	3.737	79	130234	21.103	ng/u1	89
6) Benzaldehyde	7.060	77	76227	18.064	ng/u1	86
8) Phenol	7.113	94	148404	19.754	ng/u1	88
10) Bis(2-Chloroethyl)ether	7.348	93	119486	20.420	ng/u1	92
12) 2-Chlorophenol	7.489	128	123804	21.081	ng/u1	92
13) 2-Methylphenol	8.378	108	111425	19.289	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.472	45	174563	21.205	ng/u1	97
16) Acetophenone	8.754	105	191177	20.073	ng/u1	90
17) N-Nitroso-di-n-propyla...	8.742	70	95942	19.453	ng/u1	92
18) 4-Methylphenol	8.707	108	121834	19.296	ng/u1	100
19) Hexachloroethane	9.025	117	56351	22.627	ng/u1#	86
22) Nitrobenzene	9.136	77	149492	22.244	ng/u1	92
23) Isophorone	9.666	82	263015	20.477	ng/u1	97
25) 2-Nitrophenol	9.854	139	65703	21.680	ng/u1	89
26) 2,4-Dimethylphenol	9.913	107	148522	21.188	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.148	93	161382	20.962	ng/u1	98
29) 2,4-Dichlorophenol	10.389	162	115951	21.401	ng/u1	99
30) Naphthalene	10.795	128	414925	22.320	ng/u1	99
32) 4-Chloroaniline	10.901	127	171653	21.216	ng/u1	98
33) Hexachlorobutadiene	11.089	225	88095	23.593	ng/u1	97
34) Caprolactam	11.666	113	33448	18.052	ng/u1	90
35) 4-Chloro-3-methylphenol	12.025	107	133217	20.144	ng/u1	88
36) 2-Methylnaphthalene	12.407	142	273606	21.371	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.624	142	279682	21.207	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.772	216	146040	22.398	ng/ul	98
40) Hexachlorocyclopentadiene	12.754	237	104330	24.367	ng/ul	99
41) 2,4,6-Trichlorophenol	13.007	196	89795	21.430	ng/ul	96
42) 2,4,5-Trichlorophenol	13.077	196	97242	20.976	ng/ul	96
43) 1,1'-Biphenyl	13.407	154	374355	21.877	ng/ul	98
44) 2-Chloronaphthalene	13.448	162	281085	21.861	ng/ul	98
45) 2-Nitroaniline	13.648	65	86696m	20.725	ng/ul	
47) Dimethylphthalate	14.024	163	364407	21.201	ng/ul	100
48) 2,6-Dinitrotoluene	14.142	165	67137	20.378	ng/ul	99
50) Acenaphthylene	14.295	152	466095	21.638	ng/ul	98
51) 3-Nitroaniline	14.466	138	45359	13.397	ng/ul	90
52) Acenaphthene	14.636	153	307597	21.694	ng/ul	97
53) 2,4-Dinitrophenol	14.671	184	32026	16.152	ng/ul	91
55) 4-Nitrophenol	14.771	109	58924	18.434	ng/ul	88
56) Dibenzofuran	14.965	168	443140	21.791	ng/ul	98
57) 2,4-Dinitrotoluene	14.924	165	100296	20.332	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.189	232	83989	21.376	ng/ul#	96
59) Diethylphthalate	15.383	149	380428	20.949	ng/ul	99
61) Fluorene	15.613	166	359508	21.766	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.607	204	180438	21.766	ng/ul	97
63) 4-Nitroaniline	15.624	138	44196m	13.550	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.683	198	51541	18.741	ng/ul	98
67) N-Nitrosodiphenylamine	15.818	169	305596	21.878	ng/ul	98
68) 4-Bromophenyl-phenylether	16.501	248	107144	23.438	ng/ul	97
69) Hexachlorobenzene	16.618	284	122220	21.954	ng/ul	97
70) Atrazine	16.765	200	117711	21.174	ng/ul	99
71) Pentachlorophenol	16.959	266	72616	19.940	ng/ul	98
72) Phenanthrene	17.348	178	576393	21.966	ng/ul	99
74) Anthracene	17.436	178	587821	22.059	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.377	216	150586	21.758	ng/uL	98
76) Pentachlorobenzene	14.889	250	152694	23.489	ng/uL	99
77) Carbazole	17.706	167	520621	21.779	ng/ul	99
78) Di-n-butylphthalate	18.271	149	661721	21.982	ng/ul	99
80) Fluoranthene	19.353	202	677058	21.868	ng/ul	99
82) Pyrene	19.718	202	710157	22.187	ng/ul	99
83) Butylbenzylphthalate	20.606	149	301438	21.769	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.383	252	167955	15.652	ng/ul#	96
85) Benzo(a)anthracene	21.453	228	692758	21.938	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.383	149	459832	21.174	ng/ul	98
87) Chrysene	21.506	228	672080	21.923	ng/ul	99
89) Di-n-octyl phthalate	22.306	149	788078	19.359	ng/ul	100
90) Benzo(b)fluoranthene	23.130	252	746036	22.128	ng/ul	100
91) Benzo(k)fluoranthene	23.183	252	667618	21.275	ng/ul	99
93) Benzo(a)pyrene	23.759	252	706270	22.400	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.365	276	802920	25.304	ng/ul	96
95) Dibenzo(a,h)anthracene	26.382	278	693289	25.355	ng/ul	97
96) Benzo(g,h,i)perylene	27.129	276	677502	26.164	ng/ul	97

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

