

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020322\
 Data File : BM033994.D
 Acq On : 03 Feb 2022 10:25
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020092

Quant Time: Feb 04 00:04:17 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 02/04/2022
 Supervised By :mohammad ahmed 02/04/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	120288	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.730	136	526187	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.560	164	325641	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.295	188	627390	20.000	ng/u1	-0.01
79) Chrysene-d12	21.459	240	554228	20.000	ng/u1	0.00
88) Perylene-d12	23.853	264	551603	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	23985	7.864	ng/uL	0.00
4) Pyridine-d5	3.713	84	167864	19.718	ng/u1	0.00
7) Phenol-d5	7.078	99	209612	20.800	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	132452	21.559	ng/u1	0.00
11) 2-Chlorophenol-d4	7.448	132	172920	21.418	ng/u1	-0.01
15) 4-Methylphenol-d8	8.631	113	171864	21.522	ng/u1	-0.01
21) Nitrobenzene-d5	9.083	128	86080	20.388	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.807	143	92259	20.235	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.348	165	171295	20.761	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.866	131	229769	20.166	ng/u1	0.00
46) Dimethylphthalate-d6	13.966	166	497377	20.439	ng/u1	-0.01
49) Acenaphthylene-d8	14.254	160	611661	20.519	ng/u1	0.00
54) 4-Nitrophenol-d4	14.748	143	76240	18.338	ng/u1	0.00
60) Fluorene-d10	15.548	176	415525	20.450	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.660	200	70866	17.992	ng/u1	-0.01
73) Anthracene-d10	17.395	188	614686	20.458	ng/u1	0.00
81) Pyrene-d10	19.677	212	652389	19.938	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.694	264	581538	20.072	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.325	88	26098	7.841	ng/uL#	87
5) Pyridine	3.731	79	174355	19.842	ng/u1	89
6) Benzaldehyde	7.054	77	144304	23.716	ng/u1#	82
8) Phenol	7.107	94	217601	21.056	ng/u1#	84
10) Bis(2-Chloroethyl)ether	7.337	93	173631	21.272	ng/u1	92
12) 2-Chlorophenol	7.484	128	178825	21.140	ng/u1#	88
13) 2-Methylphenol	8.366	108	166232	21.297	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.454	45	245120	22.307	ng/u1	97
16) Acetophenone	8.748	105	280260	22.108	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.736	70	144710	22.485	ng/u1	87
18) 4-Methylphenol	8.695	108	182614	21.930	ng/u1	96
19) Hexachloroethane	9.013	117	77202	21.035	ng/u1#	86
22) Nitrobenzene	9.125	77	212466	20.327	ng/u1#	90
23) Isophorone	9.660	82	392874	20.943	ng/u1	96
25) 2-Nitrophenol	9.842	139	99577	20.356	ng/u1#	83
26) 2,4-Dimethylphenol	9.901	107	217248	20.359	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.142	93	239367	20.525	ng/u1	98
29) 2,4-Dichlorophenol	10.378	162	170884	20.729	ng/u1	95
30) Naphthalene	10.783	128	591583	20.325	ng/u1	99
32) 4-Chloroaniline	10.889	127	236385	20.433	ng/u1	98
33) Hexachlorobutadiene	11.077	225	125171	20.519	ng/u1	96
34) Caprolactam	11.654	113	47591	20.285	ng/u1	79
35) 4-Chloro-3-methylphenol	12.013	107	194711	20.612	ng/u1	88
36) 2-Methylnaphthalene	12.395	142	396741	20.690	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.613	142	406412	20.675	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.760	216	211293	20.401	ng/ul	98
40) Hexachlorocyclopentadiene	12.742	237	134780	17.641	ng/ul	98
41) 2,4,6-Trichlorophenol	12.995	196	132666	20.571	ng/ul	95
42) 2,4,5-Trichlorophenol	13.066	196	140316	20.510	ng/ul	93
43) 1,1'-Biphenyl	13.401	154	530411	20.319	ng/ul	98
44) 2-Chloronaphthalene	13.436	162	395511	20.096	ng/ul	96
45) 2-Nitroaniline	13.636	65	119963m	20.712	ng/ul	
47) Dimethylphthalate	14.013	163	503213	20.589	ng/ul	99
48) 2,6-Dinitrotoluene	14.130	165	96998	20.794	ng/ul	97
50) Acenaphthylene	14.283	152	654915	20.606	ng/ul	99
51) 3-Nitroaniline	14.454	138	95844	20.812	ng/ul	88
52) Acenaphthene	14.624	153	421563	20.260	ng/ul	96
53) 2,4-Dinitrophenol	14.665	184	45099	15.843	ng/ul	90
55) 4-Nitrophenol	14.760	109	75330	18.769	ng/ul	85
56) Dibenzofuran	14.954	168	599447	20.471	ng/ul	99
57) 2,4-Dinitrotoluene	14.913	165	136599	20.523	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.183	232	114467	20.336	ng/ul	97
59) Diethylphthalate	15.371	149	514456	20.666	ng/ul	99
61) Fluorene	15.601	166	478798	20.431	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.595	204	245535	20.512	ng/ul	97
63) 4-Nitroaniline	15.612	138	94820	21.345	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.677	198	72578	18.442	ng/ul	96
67) N-Nitrosodiphenylamine	15.807	169	403011	20.700	ng/ul	98
68) 4-Bromophenyl-phenylether	16.489	248	141950	20.940	ng/ul	99
69) Hexachlorobenzene	16.607	284	161649	20.855	ng/ul	97
70) Atrazine	16.754	200	148872	20.322	ng/ul	97
71) Pentachlorophenol	16.948	266	94926	19.094	ng/ul	97
72) Phenanthrene	17.336	178	711979	20.181	ng/ul	99
74) Anthracene	17.430	178	727520	20.519	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.366	216	224577	20.482	ng/uL	97
76) Pentachlorobenzene	14.877	250	201193	20.583	ng/uL	99
77) Carbazole	17.695	167	620595	19.775	ng/ul	98
78) Di-n-butylphthalate	18.265	149	830692	21.287	ng/ul	98
80) Fluoranthene	19.348	202	794955	20.297	ng/ul	99
82) Pyrene	19.706	202	806560	20.148	ng/ul	99
83) Butylbenzylphthalate	20.600	149	339829	20.835	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.377	252	235272	21.332	ng/ul	96
85) Benzo(a)anthracene	21.447	228	729578	20.320	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.377	149	511036	21.485	ng/ul	99
87) Chrysene	21.500	228	709652	20.225	ng/ul	99
89) Di-n-octyl phthalate	22.294	149	838995	21.005	ng/ul	100
90) Benzo(b)fluoranthene	23.124	252	757659	20.221	ng/ul	99
91) Benzo(k)fluoranthene	23.171	252	682370	19.836	ng/ul	98
93) Benzo(a)pyrene	23.747	252	712903	20.121	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.341	276	824530	20.133	ng/ul	96
95) Dibenzo(a,h)anthracene	26.359	278	711932	20.084	ng/ul	97
96) Benzo(g,h,i)perylene	27.106	276	689898	20.035	ng/ul	99

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

