

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030222\
 Data File : BM034118.D
 Acq On : 02 Mar 2022 15:43
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020097

Quant Time: Mar 02 16:44:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 01 03:48:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2022
 Supervised By :mohammad ahmed 03/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	146363	20.000	ng/u1	0.00
20) Naphthalene-d8	10.813	136	537695	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.636	164	354580	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.377	188	755765	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.547	240	827768	20.000	ng/u1	# 0.00
88) Perylene-d12	24.000	264	918780	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	25333	7.980	ng/uL	0.00
4) Pyridine-d5	3.790	84	162926	19.532	ng/u1	0.00
7) Phenol-d5	7.142	99	193352	18.497	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.319	67	111494	19.213	ng/u1	0.00
11) 2-Chlorophenol-d4	7.525	132	175425	19.466	ng/u1	0.00
15) 4-Methylphenol-d8	8.701	113	157234	17.672	ng/u1	0.00
21) Nitrobenzene-d5	9.160	128	80312	19.774	ng/u1	0.00
24) 2-Nitrophenol-d4	9.883	143	88046	19.071	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.425	165	183386	19.629	ng/u1	0.00
31) 4-Chloroaniline-d4	10.942	131	220683	18.730	ng/u1	0.00
46) Dimethylphthalate-d6	14.042	166	525159	19.575	ng/u1	0.00
49) Acenaphthylene-d8	14.330	160	656349	20.087	ng/u1	0.00
54) 4-Nitrophenol-d4	14.807	143	86885	18.907	ng/u1	0.00
60) Fluorene-d10	15.624	176	455889	19.660	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.730	200	85709	17.371	ng/u1	0.00
73) Anthracene-d10	17.471	188	718510	19.660	ng/u1	0.00
81) Pyrene-d10	19.759	212	818775	18.349	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.841	264	915794	19.559	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.407	88	25550	8.200	ng/uL#	80
5) Pyridine	3.813	79	165833	19.480	ng/u1#	78
6) Benzaldehyde	7.125	77	130899	22.051	ng/u1#	77
8) Phenol	7.172	94	191200	18.736	ng/u1#	84
10) Bis(2-Chloroethyl)ether	7.413	93	152475	18.968	ng/u1	87
12) 2-Chlorophenol	7.554	128	176335	19.716	ng/u1#	81
13) 2-Methylphenol	8.437	108	143838	17.934	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.531	45	164656	18.771	ng/u1#	90
16) Acetophenone	8.819	105	253967	18.355	ng/u1#	83
17) N-Nitroso-di-n-propyla...	8.807	70	117064	18.548	ng/u1#	85
18) 4-Methylphenol	8.766	108	157743	18.135	ng/u1	97
19) Hexachloroethane	9.089	117	73942	19.743	ng/u1#	67
22) Nitrobenzene	9.201	77	178329	20.469	ng/u1#	85
23) Isophorone	9.731	82	307532	19.147	ng/u1#	90
25) 2-Nitrophenol	9.919	139	95649	20.068	ng/u1#	72
26) 2,4-Dimethylphenol	9.978	107	187635	19.656	ng/u1	88
27) Bis(2-Chloroethoxy)met...	10.213	93	189602	19.469	ng/u1#	95
29) 2,4-Dichlorophenol	10.454	162	179100	19.960	ng/u1	92
30) Naphthalene	10.866	128	537746	19.956	ng/u1	98
32) 4-Chloroaniline	10.966	127	218777	18.783	ng/u1	98
33) Hexachlorobutadiene	11.160	225	137131	19.898	ng/u1	98
34) Caprolactam	11.719	113	41237	16.923	ng/u1#	60
35) 4-Chloro-3-methylphenol	12.083	107	160569	19.111	ng/u1#	74
36) 2-Methylnaphthalene	12.472	142	382125	19.427	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030222\
 Data File : BM034118.D
 Acq On : 02 Mar 2022 15:43
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020097

Quant Time: Mar 02 16:44:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 01 03:48:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2022
 Supervised By :mohammad ahmed 03/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.689	142	384282	19.273	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.836	216	240751	20.437	ng/ul#	95
40) Hexachlorocyclopentadiene	12.824	237	164237	20.444	ng/ul	99
41) 2,4,6-Trichlorophenol	13.072	196	146150	20.311	ng/ul	99
42) 2,4,5-Trichlorophenol	13.142	196	159253	20.122	ng/ul	92
43) 1,1'-Biphenyl	13.471	154	525464	20.105	ng/ul#	96
44) 2-Chloronaphthalene	13.513	162	414988	20.436	ng/ul	94
45) 2-Nitroaniline	13.707	65	89795m	19.643	ng/ul	
47) Dimethylphthalate	14.089	163	511856	19.708	ng/ul	99
48) 2,6-Dinitrotoluene	14.201	165	99060	19.490	ng/ul#	85
50) Acenaphthylene	14.360	152	637855	19.877	ng/ul	98
51) 3-Nitroaniline	14.524	138	97277	19.677	ng/ul#	76
52) Acenaphthene	14.701	153	422366	19.833	ng/ul	95
53) 2,4-Dinitrophenol	14.730	184	56765	16.835	ng/ul#	72
55) 4-Nitrophenol	14.824	109	81683	19.528	ng/ul#	76
56) Dibenzofuran	15.030	168	618277	19.769	ng/ul	94
57) 2,4-Dinitrotoluene	14.983	165	144845	19.612	ng/ul#	71
58) 2,3,4,6-Tetrachlorophenol	15.254	232	133447	19.486	ng/ul#	88
59) Diethylphthalate	15.448	149	503444	19.417	ng/ul	98
61) Fluorene	15.677	166	511589	19.613	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.671	204	273398	19.598	ng/ul	90
63) 4-Nitroaniline	15.683	138	101480m	20.063	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.748	198	85763	17.786	ng/ul#	81
67) N-Nitrosodiphenylamine	15.883	169	433754	19.766	ng/ul	99
68) 4-Bromophenyl-phenylether	16.565	248	160158	19.424	ng/ul#	90
69) Hexachlorobenzene	16.689	284	195741	19.574	ng/ul#	87
70) Atrazine	16.830	200	167852	18.638	ng/ul	98
71) Pentachlorophenol	17.024	266	116688	17.919	ng/ul	95
72) Phenanthrene	17.418	178	804660	19.629	ng/ul	99
74) Anthracene	17.506	178	820685	19.769	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.442	216	243861	20.441	ng/ul	97
76) Pentachlorobenzene	14.954	250	237620	20.136	ng/ul	97
77) Carbazole	17.771	167	702833	19.426	ng/ul	100
78) Di-n-butylphthalate	18.348	149	793761	18.818	ng/ul	98
80) Fluoranthene	19.430	202	946125	18.351	ng/ul#	90
82) Pyrene	19.789	202	982252	18.443	ng/ul#	89
83) Butylbenzylphthalate	20.683	149	333306	17.748	ng/ul#	78
84) 3,3'-Dichlorobenzidine	21.459	252	354941	20.227	ng/ul	95
85) Benzo(a)anthracene	21.530	228	995480	19.673	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.465	149	519490	17.942	ng/ul#	97
87) Chrysene	21.589	228	985819	19.841	ng/ul	99
89) Di-n-octyl phthalate	22.406	149	858112	15.176	ng/ul	100
90) Benzo(b)fluoranthene	23.253	252	1100717	18.892	ng/ul#	97
91) Benzo(k)fluoranthene	23.300	252	1031093	18.799	ng/ul#	97
93) Benzo(a)pyrene	23.894	252	1097938	19.683	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.559	276	1367874	22.034	ng/ul	94
95) Dibenzo(a,h)anthracene	26.582	278	1186568	22.080	ng/ul	97
96) Benzo(g,h,i)perylene	27.347	276	1161828	22.160	ng/ul#	95

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

