

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
 Data File : BM034585.D
 Acq On : 09 Apr 2022 06:40
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020107

Quant Time: Apr 09 07:34:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 08 14:30:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :Yogesh Patel 04/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	114966	20.000	ng/u1	0.00
20) Naphthalene-d8	10.683	136	460196	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.524	164	269824	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	519183	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.441	240	526954	20.000	ng/u1	# 0.00
88) Perylene-d12	23.824	264	571422	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	24832	7.702	ng/uL	0.00
4) Pyridine-d5	3.678	84	150611	19.357	ng/u1	0.00
7) Phenol-d5	7.037	99	178422	18.646	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	124068	19.458	ng/u1	0.00
11) 2-Chlorophenol-d4	7.401	132	149335	20.188	ng/u1	0.00
15) 4-Methylphenol-d8	8.589	113	142727	19.095	ng/u1	0.00
21) Nitrobenzene-d5	9.036	128	70216	20.761	ng/u1	0.00
24) 2-Nitrophenol-d4	9.766	143	73464	20.863	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	133838	20.185	ng/u1	0.00
31) 4-Chloroaniline-d4	10.825	131	171457	18.743	ng/u1	0.00
46) Dimethylphthalate-d6	13.936	166	392256	20.119	ng/u1	0.00
49) Acenaphthylene-d8	14.218	160	512473	20.451	ng/u1	0.00
54) 4-Nitrophenol-d4	14.718	143	51552m	17.341	ng/u1	0.00
60) Fluorene-d10	15.512	176	337304	20.020	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.630	200	59384	18.736	ng/u1	0.00
73) Anthracene-d10	17.365	188	505553	20.424	ng/u1	0.00
81) Pyrene-d10	19.653	212	578918	20.129	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.665	264	566260	19.700	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	25488	7.851	ng/uL#	81
5) Pyridine	3.696	79	164161	19.309	ng/u1#	75
6) Benzaldehyde	7.007	77	128060	21.830	ng/u1	90
8) Phenol	7.066	94	183169	18.948	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.295	93	155245	19.900	ng/u1#	86
12) 2-Chlorophenol	7.436	128	154084	20.435	ng/u1#	87
13) 2-Methylphenol	8.325	108	136134	19.050	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.413	45	235801	20.216	ng/u1#	85
16) Acetophenone	8.701	105	228460	19.582	ng/u1#	89
17) N-Nitroso-di-n-propyla...	8.689	70	126241	20.329	ng/u1#	88
18) 4-Methylphenol	8.648	108	148342	19.514	ng/u1	99
19) Hexachloroethane	8.960	117	67846	20.005	ng/u1#	80
22) Nitrobenzene	9.078	77	179162	20.206	ng/u1	93
23) Isophorone	9.607	82	320068	20.328	ng/u1#	93
25) 2-Nitrophenol	9.795	139	77999	20.681	ng/u1#	89
26) 2,4-Dimethylphenol	9.860	107	169736	20.275	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.095	93	194270	20.507	ng/u1	98
29) 2,4-Dichlorophenol	10.336	162	132887	20.306	ng/u1	96
30) Naphthalene	10.736	128	485756	20.275	ng/u1	99
32) 4-Chloroaniline	10.848	127	178321	19.458	ng/u1	97
33) Hexachlorobutadiene	11.030	225	92802	20.171	ng/u1	97
34) Caprolactam	11.607	113	40401m	19.004	ng/u1	
35) 4-Chloro-3-methylphenol	11.977	107	141524	20.832	ng/u1	93
36) 2-Methylnaphthalene	12.354	142	313352	20.407	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.571	142	318734	20.233	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.719	216	163765	20.277	ng/ul#	95
40) Hexachlorocyclopentadiene	12.701	237	100212	18.908	ng/ul	94
41) 2,4,6-Trichlorophenol	12.960	196	101176	20.622	ng/ul	95
42) 2,4,5-Trichlorophenol	13.030	196	102195	20.101	ng/ul	98
43) 1,1'-Biphenyl	13.360	154	409771	20.048	ng/ul#	97
44) 2-Chloronaphthalene	13.401	162	317633	20.242	ng/ul	96
45) 2-Nitroaniline	13.601	65	87582	20.468	ng/ul#	83
47) Dimethylphthalate	13.977	163	383446	19.985	ng/ul	99
48) 2,6-Dinitrotoluene	14.095	165	75786	20.561	ng/ul#	86
50) Acenaphthylene	14.242	152	513447	20.183	ng/ul	100
51) 3-Nitroaniline	14.430	138	61676	19.139	ng/ul	85
52) Acenaphthene	14.589	153	341651	20.171	ng/ul	99
53) 2,4-Dinitrophenol	14.636	184	32614	15.700	ng/ul#	79
55) 4-Nitrophenol	14.736	109	43292	17.053	ng/ul#	83
56) Dibenzofuran	14.924	168	470757	20.450	ng/ul	98
57) 2,4-Dinitrotoluene	14.883	165	106600	20.779	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.148	232	91594	20.520	ng/ul#	87
59) Diethylphthalate	15.342	149	390344	20.029	ng/ul	98
61) Fluorene	15.571	166	385222	19.834	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.565	204	185390	19.775	ng/ul	94
63) 4-Nitroaniline	15.589	138	55870m	19.689	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.648	198	58352	18.464	ng/ul#	87
67) N-Nitrosodiphenylamine	15.777	169	323635	20.923	ng/ul	99
68) 4-Bromophenyl-phenylether	16.459	248	108292	20.178	ng/ul#	93
69) Hexachlorobenzene	16.577	284	131498	20.401	ng/ul	94
70) Atrazine	16.730	200	113609	19.627	ng/ul	98
71) Pentachlorophenol	16.918	266	74503	18.877	ng/ul	99
72) Phenanthrene	17.306	178	584122	20.163	ng/ul	99
74) Anthracene	17.401	178	583386	20.322	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.324	216	171705	21.057	ng/ul	98
76) Pentachlorobenzene	14.848	250	157054	20.524	ng/ul	98
77) Carbazole	17.671	167	439979	18.527	ng/ul	99
78) Di-n-butylphthalate	18.236	149	616978	20.469	ng/ul	99
80) Fluoranthene	19.324	202	656196	20.616	ng/ul#	92
82) Pyrene	19.683	202	715545	20.683	ng/ul#	88
83) Butylbenzylphthalate	20.583	149	272190	20.098	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.365	252	184610	19.990	ng/ul#	99
85) Benzo(a)anthracene	21.424	228	614168	20.044	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.359	149	406145	20.037	ng/ul#	97
87) Chrysene	21.477	228	669883	20.275	ng/ul	99
89) Di-n-octyl phthalate	22.271	149	712368	18.726	ng/ul	100
90) Benzo(b)fluoranthene	23.094	252	664009	19.556	ng/ul#	97
91) Benzo(k)fluoranthene	23.141	252	720556	20.208	ng/ul#	98
93) Benzo(a)pyrene	23.718	252	684575	20.400	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.300	276	699896	19.489	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.312	278	591177	20.080	ng/ul#	95
96) Benzo(g,h,i)perylene	27.059	276	694323m	20.142	ng/ul	

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

