

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051022\
 Data File : BM034964.D
 Acq On : 10 May 2022 15:02
 Operator : CG/JU
 Sample : SSTD02034
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020038

Quant Time: May 10 16:10:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 16:06:09 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/11/2022
 Supervised By :mohammad ahmed 05/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	217823	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	961860	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	619142	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	1185968	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	882401	20.000	ng/u1	0.00
88) Perylene-d12	23.856	264	798698	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	44357	8.948	ng/uL	0.00
4) Pyridine-d5	3.775	84	305836	24.854	ng/u1	0.00
7) Phenol-d5	7.081	99	411451	25.009	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	257411	27.899	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	335567	24.100	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	347356	26.388	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	169505	24.124	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	189616	25.992	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	348136	22.655	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	494752	23.811	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	1058104	23.475	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	1345862	23.218	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	176935	23.384	ng/u1	0.00
60) Fluorene-d10	15.545	176	885573	22.706	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	157774	23.188	ng/u1	0.00
73) Anthracene-d10	17.392	188	1283253	22.221	ng/u1	0.00
81) Pyrene-d10	19.680	212	1238392	25.787	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.703	264	963846	23.860	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	44400	9.165	ng/uL	95
5) Pyridine	3.793	79	321596	24.915	ng/u1	94
6) Benzaldehyde	7.057	77	268543	30.890	ng/u1	97
8) Phenol	7.110	94	411685	25.428	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.345	93	325379	26.039	ng/u1	96
12) 2-Chlorophenol	7.487	128	339154	24.064	ng/u1	100
13) 2-Methylphenol	8.363	108	314985	25.660	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.457	45	524858	31.215	ng/u1	100
16) Acetophenone	8.745	105	542130	26.881	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.734	70	291742	30.158	ng/u1	93
18) 4-Methylphenol	8.692	108	351791	26.490	ng/u1	98
19) Hexachloroethane	9.010	117	141008	23.880	ng/u1	96
22) Nitrobenzene	9.122	77	407695	25.701	ng/u1	98
23) Isophorone	9.651	82	781842	26.882	ng/u1	98
25) 2-Nitrophenol	9.834	139	202061	25.224	ng/u1	91
26) 2,4-Dimethylphenol	9.898	107	406761	24.128	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.134	93	469808	25.769	ng/u1	100
29) 2,4-Dichlorophenol	10.369	162	337450	22.512	ng/u1	98
30) Naphthalene	10.775	128	1118038	22.747	ng/u1	99
32) 4-Chloroaniline	10.881	127	492405	23.873	ng/u1	99
33) Hexachlorobutadiene	11.069	225	217061	20.041	ng/u1	99
34) Caprolactam	11.645	113	103660	27.738	ng/u1	93
35) 4-Chloro-3-methylphenol	12.004	107	366205	25.783	ng/u1	99
36) 2-Methylnaphthalene	12.386	142	794104	23.312	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	802754	23.419	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.751	216	409419	20.767	ng/ul	99
40) Hexachlorocyclopentadiene	12.739	237	263908	18.491	ng/ul	99
41) 2,4,6-Trichlorophenol	12.986	196	270338	22.798	ng/ul	97
42) 2,4,5-Trichlorophenol	13.057	196	292831	23.082	ng/ul	99
43) 1,1'-Biphenyl	13.392	154	1090708	22.791	ng/ul	99
44) 2-Chloronaphthalene	13.433	162	829645	22.260	ng/ul	98
45) 2-Nitroaniline	13.627	65	244643	30.446	ng/ul	93
47) Dimethylphthalate	14.010	163	1044819	23.677	ng/ul	99
48) 2,6-Dinitrotoluene	14.127	165	206089	25.911	ng/ul	92
50) Acenaphthylene	14.274	152	1348117	23.321	ng/ul	99
51) 3-Nitroaniline	14.451	138	150067	21.241	ng/ul	94
52) Acenaphthene	14.616	153	876460	23.006	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	105897	22.849	ng/ul	91
55) 4-Nitrophenol	14.757	109	154466	25.724	ng/ul	96
56) Dibenzofuran	14.951	168	1217756	22.468	ng/ul	95
57) 2,4-Dinitrotoluene	14.910	165	295487	26.453	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.174	232	231613	22.949	ng/ul	98
59) Diethylphthalate	15.374	149	1064773	24.614	ng/ul	99
61) Fluorene	15.598	166	1001412	22.954	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.598	204	498081	22.199	ng/ul	99
63) 4-Nitroaniline	15.610	138	132313m	21.348	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.674	198	157167	23.028	ng/ul#	97
67) N-Nitrosodiphenylamine	15.804	169	852589	23.371	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	281205	21.567	ng/ul	95
69) Hexachlorobenzene	16.604	284	312443	20.972	ng/ul	97
70) Atrazine	16.757	200	292804	21.824	ng/ul	100
71) Pentachlorophenol	16.945	266	183462	18.965	ng/ul	98
72) Phenanthrene	17.339	178	1464386	22.455	ng/ul	99
74) Anthracene	17.427	178	1485825	22.407	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	423704	21.219	ng/ul	99
76) Pentachlorobenzene	14.874	250	389389	21.155	ng/ul	98
77) Carbazole	17.692	167	1277716	22.051	ng/ul	100
78) Di-n-butylphthalate	18.268	149	1633742	24.701	ng/ul	99
80) Fluoranthene	19.351	202	1492309	26.577	ng/ul	98
82) Pyrene	19.709	202	1515911	26.213	ng/ul	98
83) Butylbenzylphthalate	20.609	149	621380	30.657	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.386	252	354516	19.584	ng/ul	99
85) Benzo(a)anthracene	21.456	228	1272355	23.190	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	916865	28.531	ng/ul	99
87) Chrysene	21.509	228	1252830	23.223	ng/ul	100
89) Di-n-octyl phthalate	22.315	149	1437276	31.745	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1254087	25.689	ng/ul	100
91) Benzo(k)fluoranthene	23.180	252	1138799	24.571	ng/ul	100
93) Benzo(a)pyrene	23.750	252	1176898	24.049	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.327	276	1337994	22.655	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.338	278	1142068m	22.363	ng/ul	
96) Benzo(g,h,i)perylene	27.079	276	1100254	22.032	ng/ul#	94

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

