

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051921\
 Data File : BM030084.D
 Acq On : 19 May 2021 18:41
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020047

Manual Integrations
 APPROVED

mohammad
 5/20/2021 11:36:19 AM

Quant Time: May 20 01:20:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 18 16:38:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	174327	20.00	ng/ul	0.00
20) Naphthalene-d8	10.286	136	794264	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.168	164	542653	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.915	188	1117125	20.00	ng/ul	0.00
79) Chrysene-d12	21.109	240	1160809	20.00	ng/ul	0.00
88) Perylene-d12	23.250	264	1114974	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	33460	7.66	ng/uL	0.00
4) Pyridine-d5	3.452	84	185653	16.99	ng/ul	0.00
7) Phenol-d5	6.704	99	285378	17.60	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	185240	18.43	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	237187	18.96	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	240577	17.94	ng/ul	0.00
21) Nitrobenzene-d5	8.675	128	111658	20.40	ng/ul	0.00
24) 2-Nitrophenol-d4	9.386	143	130793	21.17	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	241083	19.46	ng/ul	0.00
31) 4-Chloroaniline-d4	10.439	131	329163	17.46	ng/ul	0.00
46) Dimethylphthalate-d6	13.592	166	779825	18.54	ng/ul	0.00
49) Acenaphthylene-d8	13.857	160	979791	18.38	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	113570	16.58	ng/ul	0.00
60) Fluorene-d10	15.168	176	655557	18.36	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	138655	19.11	ng/ul	0.00
73) Anthracene-d10	17.015	188	1027126	18.26	ng/ul	0.00
81) Pyrene-d10	19.315	212	1138858	19.12	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	1177289	18.63	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.063	88	36655	7.76	ng/uL	94
5) Pyridine	3.469	79	190733	17.01	ng/ul	97
6) Benzaldehyde	6.675	77	171496	20.49	ng/ul	96
8) Phenol	6.734	94	292038	17.64	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.957	93	228864	17.49	ng/ul	98
12) 2-Chlorophenol	7.081	128	238194	18.67	ng/ul	96
13) 2-Methylphenol	7.969	108	222719	17.76	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.051	45	406681	20.63	ng/ul	97
16) Acetophenone	8.345	105	385170	17.90	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.328	70	221697	20.14	ng/ul	96
18) 4-Methylphenol	8.298	108	245396	17.65	ng/ul	98
19) Hexachloroethane	8.575	117	103343	19.17	ng/ul	98
22) Nitrobenzene	8.716	77	299524	21.00	ng/ul	96
23) Isophorone	9.239	82	586003	19.43	ng/ul	99
25) 2-Nitrophenol	9.422	139	141786	21.14	ng/ul	98
26) 2,4-Dimethylphenol	9.486	107	292749	19.34	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.722	93	339201	19.20	ng/ul	99
29) 2,4-Dichlorophenol	9.951	162	229621	18.87	ng/ul	99
30) Naphthalene	10.339	128	810989	18.40	ng/ul	99
32) 4-Chloroaniline	10.463	127	338125	17.41	ng/ul	100
33) Hexachlorobutadiene	10.616	225	151798	18.61	ng/ul	99
34) Caprolactam	11.251	113	76454m	17.71	ng/ul	
35) 4-Chloro-3-methylphenol	11.598	107	261294	19.41	ng/ul	99
36) 2-Methylnaphthalene	11.963	142	593069	18.54	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.186	142	582940	18.39	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.339	216	300968	17.95	ng/ul	97
40) Hexachlorocyclopentadiene	12.310	237	147452	16.93	ng/ul	99
41) 2,4,6-Trichlorophenol	12.592	196	193345	18.91	ng/ul	99
42) 2,4,5-Trichlorophenol	12.669	196	202022	18.67	ng/ul	98
43) 1,1'-Biphenyl	12.992	154	752838	17.85	ng/ul	98
44) 2-Chloronaphthalene	13.033	162	592259	18.29	ng/ul	99
45) 2-Nitroaniline	13.257	65	183272	22.40	ng/ul	97
47) Dimethylphthalate	13.639	163	779494	18.51	ng/ul	99
48) 2,6-Dinitrotoluene	13.763	165	157331	20.81	ng/ul	96
50) Acenaphthylene	13.886	152	943729	18.31	ng/ul	99
51) 3-Nitroaniline	14.092	138	153550	18.08	ng/ul	98
52) Acenaphthene	14.233	153	658644	18.08	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	106493	20.70	ng/ul	96
55) 4-Nitrophenol	14.416	109	89635	17.02	ng/ul	99
56) Dibenzofuran	14.568	168	911523	18.27	ng/ul	98
57) 2,4-Dinitrotoluene	14.557	165	229816	20.54	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	14.804	232	193070	18.73	ng/ul	98
59) Diethylphthalate	15.010	149	821620	18.70	ng/ul	100
61) Fluorene	15.221	166	769984	18.05	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.221	204	383201	18.28	ng/ul	100
63) 4-Nitroaniline	15.262	138	157921m	18.76	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.321	198	134211	18.79	ng/ul#	98
67) N-Nitrosodiphenylamine	15.439	169	662830	18.27	ng/ul	99
68) 4-Bromophenyl-phenylether	16.115	248	230391	18.53	ng/ul	98
69) Hexachlorobenzene	16.227	284	269359	18.24	ng/ul	99
70) Atrazine	16.398	200	239159	17.86	ng/ul	99
71) Pentachlorophenol	16.574	266	146848	17.36	ng/ul	98
72) Phenanthrene	16.957	178	1194982	18.14	ng/ul	100
74) Anthracene	17.051	178	1227070	18.22	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.957	216	327161	18.51	ng/uL	98
76) Pentachlorobenzene	14.492	250	306440	18.18	ng/uL	99
77) Carbazole	17.327	167	1068019	17.31	ng/ul	99
78) Di-n-butylphthalate	17.892	149	1432364	19.56	ng/ul	100
80) Fluoranthene	18.980	202	1383542	19.09	ng/ul	99
82) Pyrene	19.345	202	1451023	19.03	ng/ul	99
83) Butylbenzylphthalate	20.256	149	645033	23.80	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.033	252	514594	19.49	ng/ul	99
85) Benzo(a)anthracene	21.092	228	1431180	18.90	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.033	149	1036723	22.18	ng/ul	99
87) Chrysene	21.144	228	1398001	18.53	ng/ul	99
89) Di-n-octyl phthalate	21.886	149	1727449	20.25	ng/ul	100
90) Benzo(b)fluoranthene	22.615	252	1385329	19.15	ng/ul	100
91) Benzo(k)fluoranthene	22.656	252	1448444	19.05	ng/ul	99
93) Benzo(a)pyrene	23.162	252	1224352	18.64	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.385	276	1416774	17.82	ng/ul	99
95) Dibenzo(a,h)anthracene	25.391	278	1197742	17.77	ng/ul	99
96) Benzo(g,h,i)perylene	26.032	276	1109364	17.22	ng/ul	98

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

