

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
 Data File : BM033142.D
 Acq On : 18 Nov 2021 05:23
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020078

Quant Time: Nov 18 05:54:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 17 14:14:11 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2021
 Supervised By :mohammad ahmed 11/26/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	124596	20.000	ng/u1	0.00
20) Naphthalene-d8	10.766	136	504985	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.589	164	348889	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.324	188	781815	20.000	ng/u1	0.00
79) Chrysene-d12	21.477	240	759707	20.000	ng/u1	0.00
88) Perylene-d12	23.824	264	747245	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	22715	7.028	ng/uL	0.00
4) Pyridine-d5	3.843	84	151299	16.995	ng/u1	0.00
7) Phenol-d5	7.125	99	184067	17.465	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.301	67	118982	17.799	ng/u1	0.00
11) 2-Chlorophenol-d4	7.501	132	143048	17.920	ng/u1	0.00
15) 4-Methylphenol-d8	8.666	113	146464	17.907	ng/u1	0.00
21) Nitrobenzene-d5	9.131	128	69188	19.083	ng/u1	0.00
24) 2-Nitrophenol-d4	9.848	143	71394	19.662	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.384	165	151754	18.250	ng/u1	0.00
31) 4-Chloroaniline-d4	10.901	131	199177	18.012	ng/u1	0.00
46) Dimethylphthalate-d6	13.995	166	500430	19.555	ng/u1	-0.01
49) Acenaphthylene-d8	14.283	160	588112	17.839	ng/u1	0.00
54) 4-Nitrophenol-d4	14.772	143	81253	19.492	ng/u1	0.00
60) Fluorene-d10	15.577	176	435971	18.991	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.689	200	70663	19.232	ng/u1	0.00
73) Anthracene-d10	17.424	188	695088	18.444	ng/u1	0.00
81) Pyrene-d10	19.701	212	798622	17.789	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.671	264	730845	18.224	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.455	88	22983	7.004	ng/uL#	87
5) Pyridine	3.860	79	157381	17.324	ng/u1	99
6) Benzaldehyde	7.113	77	135494	22.558	ng/u1	98
8) Phenol	7.149	94	184214	17.552	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.390	93	151369	18.156	ng/u1	98
12) 2-Chlorophenol	7.531	128	147837	17.943	ng/u1	98
13) 2-Methylphenol	8.401	108	141189	17.561	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.495	45	239576	18.606	ng/u1	100
16) Acetophenone	8.795	105	235075	18.209	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.778	70	128134	18.421	ng/u1	98
18) 4-Methylphenol	8.731	108	151378	17.961	ng/u1	98
19) Hexachloroethane	9.048	117	66676	17.764	ng/u1	94
22) Nitrobenzene	9.172	77	187374	18.519	ng/u1	99
23) Isophorone	9.701	82	341281	18.454	ng/u1	99
25) 2-Nitrophenol	9.884	139	76300	19.824	ng/u1	90
26) 2,4-Dimethylphenol	9.931	107	180309	17.830	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.178	93	201942	18.349	ng/u1	98
29) 2,4-Dichlorophenol	10.407	162	148494	18.416	ng/u1	98
30) Naphthalene	10.819	128	483658	18.011	ng/u1	99
32) 4-Chloroaniline	10.925	127	197491	17.679	ng/u1	96
33) Hexachlorobutadiene	11.101	225	109146	17.378	ng/u1	98
34) Caprolactam	11.707	113	46688m	20.141	ng/u1	
35) 4-Chloro-3-methylphenol	12.036	107	172662	19.665	ng/u1	99
36) 2-Methylnaphthalene	12.419	142	338491	18.193	ng/u1	97

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37) 1-Methylnaphthalene	12.636	142	345097	18.169	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.783	216	196749	16.950	ng/ul	97
40) Hexachlorocyclopentadiene	12.760	237	132108	16.175	ng/ul	96
41) 2,4,6-Trichlorophenol	13.019	196	124968	18.281	ng/ul	97
42) 2,4,5-Trichlorophenol	13.089	196	140413	19.155	ng/ul	100
43) 1,1'-Biphenyl	13.425	154	472755	17.391	ng/ul	99
44) 2-Chloronaphthalene	13.466	162	357693	17.063	ng/ul	97
45) 2-Nitroaniline	13.672	65	115895	20.975	ng/ul	100
47) Dimethylphthalate	14.042	163	485847	19.479	ng/ul	99
48) 2,6-Dinitrotoluene	14.160	165	90507	21.209	ng/ul	97
50) Acenaphthylene	14.313	152	589453	17.619	ng/ul	99
51) 3-Nitroaniline	14.489	138	95499	22.210	ng/ul	90
52) Acenaphthene	14.654	153	390460	17.891	ng/ul	100
53) 2,4-Dinitrophenol	14.689	184	42639	19.576	ng/ul#	90
55) 4-Nitrophenol	14.783	109	80344	18.871	ng/ul	97
56) Dibenzofuran	14.983	168	588119	18.386	ng/ul	98
57) 2,4-Dinitrotoluene	14.942	165	128514	21.897	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.207	232	120443	20.130	ng/ul	98
59) Diethylphthalate	15.401	149	494899	19.810	ng/ul	99
61) Fluorene	15.630	166	481604	18.943	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.624	204	249420	18.796	ng/ul	99
63) 4-Nitroaniline	15.648	138	96574	22.842	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.701	198	71240	19.345	ng/ul	99
67) N-Nitrosodiphenylamine	15.836	169	423627	18.423	ng/ul	98
68) 4-Bromophenyl-phenylether	16.518	248	156665	18.020	ng/ul	97
69) Hexachlorobenzene	16.624	284	177109	17.782	ng/ul	97
70) Atrazine	16.783	200	158932	17.887	ng/ul	98
71) Pentachlorophenol	16.966	266	105117	18.258	ng/ul	99
72) Phenanthrene	17.365	178	788410	18.205	ng/ul	99
74) Anthracene	17.454	178	795627	18.320	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.389	216	203426	15.841	ng/uL	97
76) Pentachlorobenzene	14.901	250	218887	17.387	ng/uL	99
77) Carbazole	17.724	167	704506	18.260	ng/ul	99
78) Di-n-butylphthalate	18.283	149	829873	19.671	ng/ul	100
80) Fluoranthene	19.371	202	937040	17.816	ng/ul	99
82) Pyrene	19.730	202	962109	18.016	ng/ul	99
83) Butylbenzylphthalate	20.618	149	352035	19.295	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.395	252	313134	18.296	ng/ul	100
85) Benzo(a)anthracene	21.459	228	897684	18.269	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.383	149	503204	19.458	ng/ul	98
87) Chrysene	21.512	228	869806	18.127	ng/ul	99
89) Di-n-octyl phthalate	22.295	149	839385	18.436	ng/ul	100
90) Benzo(b)fluoranthene	23.112	252	928675	18.453	ng/ul	99
91) Benzo(k)fluoranthene	23.159	252	831769	18.042	ng/ul	99
93) Benzo(a)pyrene	23.718	252	873908	18.374	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.224	276	955676	18.044	ng/ul	96
95) Dibenzo(a,h)anthracene	26.241	278	818523	18.064	ng/ul	98
96) Benzo(g,h,i)perylene	26.965	276	825609	17.960	ng/ul	99

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

