

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030818.D
 Acq On : 06 Jul 2021 12:42
 Operator : CG/JU
 Sample : SST04005
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST040105

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:10:59 PM

Quant Time: Jul 06 13:42:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 13:25:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	83013	20.00	ng/ul	0.00
20) Naphthalene-d8	10.551	136	356204	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	227461	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	431132	20.00	ng/ul	0.00
79) Chrysene-d12	21.304	240	357169	20.00	ng/ul	0.00
88) Perylene-d12	23.551	264	335649	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	33134	16.18	ng/uL	0.00
4) Pyridine-d5	3.664	84	233617	42.46	ng/ul	-0.01
7) Phenol-d5	6.934	99	290334	40.55	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	186720	41.49	ng/ul	0.00
11) 2-Chlorophenol-d4	7.299	132	235949	42.70	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	233359	41.88	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	114108	42.93	ng/ul	0.00
24) 2-Nitrophenol-d4	9.640	143	127528	43.17	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	238937	42.23	ng/ul	0.00
31) 4-Chloroaniline-d4	10.693	131	320467	40.61	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	660742	42.07	ng/ul	0.00
49) Acenaphthylene-d8	14.087	160	852227	41.80	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	114769	38.57	ng/ul	0.00
60) Fluorene-d10	15.386	176	579008	41.57	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	111430	39.50	ng/ul	0.00
73) Anthracene-d10	17.233	188	830568	41.28	ng/ul	0.00
81) Pyrene-d10	19.521	212	826477	44.16	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	729487	41.80	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	36619	16.82	ng/uL	99
5) Pyridine	3.687	79	244712	41.32	ng/ul	98
6) Benzaldehyde	6.916	77	173827m	49.93	ng/ul	
8) Phenol	6.963	94	296469	40.95	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.193	93	229397	40.21	ng/ul	96
12) 2-Chlorophenol	7.334	128	234179	42.05	ng/ul	99
13) 2-Methylphenol	8.205	108	217510	41.46	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.293	45	383260	42.38	ng/ul	99
16) Acetophenone	8.587	105	366558	42.60	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.575	70	195906	46.03	ng/ul	99
18) 4-Methylphenol	8.534	108	239097	41.85	ng/ul	95
19) Hexachloroethane	8.840	117	98910	42.39	ng/ul	97
22) Nitrobenzene	8.963	77	288887	43.08	ng/ul	98
23) Isophorone	9.493	82	511624	44.06	ng/ul	100
25) 2-Nitrophenol	9.669	139	135891	43.33	ng/ul	98
26) 2,4-Dimethylphenol	9.728	107	271081	42.76	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.969	93	312431	41.36	ng/ul	97
29) 2,4-Dichlorophenol	10.199	162	228827	42.21	ng/ul	98
30) Naphthalene	10.599	128	738838	40.97	ng/ul	100
32) 4-Chloroaniline	10.710	127	318501	40.66	ng/ul	99
33) Hexachlorobutadiene	10.881	225	150584	41.08	ng/ul	99
34) Caprolactam	11.498	113	64366m	40.91	ng/ul	
35) 4-Chloro-3-methylphenol	11.834	107	236676	44.46	ng/ul	99
36) 2-Methylnaphthalene	12.210	142	530297	42.14	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.434	142	537487	42.19	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.587	216	285882	40.29	ng/ul	99
40) Hexachlorocyclopentadiene	12.557	237	165266	35.69	ng/ul	98
41) 2,4,6-Trichlorophenol	12.822	196	186845	41.81	ng/ul	98
42) 2,4,5-Trichlorophenol	12.898	196	199505	41.83	ng/ul	99
43) 1,1'-Biphenyl	13.228	154	682969	40.68	ng/ul	99
44) 2-Chloronaphthalene	13.269	162	534162	40.47	ng/ul	99
45) 2-Nitroaniline	13.481	65	164436	46.36	ng/ul	97
47) Dimethylphthalate	13.857	163	645742	41.96	ng/ul	100
48) 2,6-Dinitrotoluene	13.981	165	133353	44.98	ng/ul	96
50) Acenaphthylene	14.116	152	786788	41.61	ng/ul	99
51) 3-Nitroaniline	14.310	138	132721	42.02	ng/ul	96
52) Acenaphthene	14.457	153	564091	41.10	ng/ul	100
53) 2,4-Dinitrophenol	14.522	184	73389	37.65	ng/ul	97
55) 4-Nitrophenol	14.616	109	98200	41.25	ng/ul	96
56) Dibenzofuran	14.798	168	789013	41.24	ng/ul	100
57) 2,4-Dinitrotoluene	14.769	165	184807	44.52	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.022	232	165030	42.74	ng/ul	97
59) Diethylphthalate	15.216	149	644847	43.62	ng/ul	99
61) Fluorene	15.445	166	660446	41.89	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.439	204	330498	42.09	ng/ul	100
63) 4-Nitroaniline	15.469	138	130737	43.47	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.528	198	108187	39.41	ng/ul#	94
67) N-Nitrosodiphenylamine	15.651	169	543825	42.32	ng/ul	99
68) 4-Bromophenyl-phenylether	16.328	248	190669	43.34	ng/ul	98
69) Hexachlorobenzene	16.445	284	216238	42.50	ng/ul	98
70) Atrazine	16.604	200	185569	40.72	ng/ul	99
71) Pentachlorophenol	16.786	266	126100	39.55	ng/ul	96
72) Phenanthrene	17.180	178	946024	40.86	ng/ul	100
74) Anthracene	17.269	178	979115	41.36	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.192	216	281887	40.99	ng/uL	99
76) Pentachlorobenzene	14.716	250	272834	41.65	ng/uL	99
77) Carbazole	17.539	167	826261	38.92	ng/ul	100
78) Di-n-butylphthalate	18.098	149	989647	45.75	ng/ul	99
80) Fluoranthene	19.186	202	1016667	44.48	ng/ul	100
82) Pyrene	19.551	202	1043190	43.44	ng/ul	99
83) Butylbenzylphthalate	20.445	149	371277	46.96	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	278146	39.51	ng/ul	98
85) Benzo(a)anthracene	21.292	228	918080	41.42	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	538794	47.38	ng/ul	99
87) Chrysene	21.345	228	891623	41.26	ng/ul	100
89) Di-n-octyl phthalate	22.098	149	849438	43.99	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	888205	41.68	ng/ul	99
91) Benzo(k)fluoranthene	22.921	252	879382	42.94	ng/ul	100
93) Benzo(a)pyrene	23.456	252	802834	41.90	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.833	276	1012061	41.96	ng/ul	99
95) Dibenzo(a,h)anthracene	25.839	278	847504	42.38	ng/ul	99
96) Benzo(g,h,i)perylene	26.527	276	807543	40.13	ng/ul	99

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

