

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062121\
 Data File : BM030508.D
 Acq On : 21 Jun 2021 17:30
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020002

Manual Integrations
 APPROVED

mohammad
 6/22/2021 8:16:26 AM

Quant Time: Jun 21 18:02:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 21 10:48:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	186864	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	697272	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	400174	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	777815	20.000	ng/u1	0.00
79) Chrysene-d12	21.356	240	757677	20.000	ng/u1	0.00
88) Perylene-d12	23.639	264	793768	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	39506	8.073	ng/uL	0.00
4) Pyridine-d5	3.746	84	240915	18.735	ng/u1	0.00
7) Phenol-d5	6.993	99	296758	18.272	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	188599	17.993	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	249862	21.273	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	223470	17.229	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	105955	22.199	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	117912	24.874	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	229521	22.228	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	288543	18.279	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	559025	20.356	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	748967	21.831	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	92674	18.029	ng/u1	0.00
60) Fluorene-d10	15.439	176	489595	19.914	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	78432	17.469	ng/u1	0.00
73) Anthracene-d10	17.286	188	730411	20.646	ng/u1	0.00
81) Pyrene-d10	19.574	212	782802	19.739	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.491	264	858498	21.690	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	41751	8.417	ng/uL	95
5) Pyridine	3.763	79	244308	17.997	ng/u1	87
6) Benzaldehyde	6.969	77	191034	25.098	ng/u1	99
8) Phenol	7.022	94	301539	18.332	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.251	93	242444	18.257	ng/u1	97
12) 2-Chlorophenol	7.393	128	250914	20.708	ng/u1	98
13) 2-Methylphenol	8.263	108	219231	17.923	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.351	45	378844	17.711	ng/u1	98
16) Acetophenone	8.640	105	349535	17.044	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.628	70	162856	16.338	ng/u1	97
18) 4-Methylphenol	8.587	108	230760	17.109	ng/u1	98
19) Hexachloroethane	8.898	117	109239	21.307	ng/u1	95
22) Nitrobenzene	9.016	77	267755	21.853	ng/u1	98
23) Isophorone	9.539	82	456424	20.373	ng/u1	100
25) 2-Nitrophenol	9.728	139	128116	24.398	ng/u1	98
26) 2,4-Dimethylphenol	9.786	107	249629	20.999	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.022	93	294670	19.755	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	218939	21.774	ng/u1	98
30) Naphthalene	10.657	128	720425	20.383	ng/u1	100
32) 4-Chloroaniline	10.769	127	296370	18.757	ng/u1	99
33) Hexachlorobutadiene	10.939	225	153272	23.952	ng/u1	97
34) Caprolactam	11.545	113	53474m	16.609	ng/u1	
35) 4-Chloro-3-methylphenol	11.892	107	206692	20.199	ng/u1	97
36) 2-Methylnaphthalene	12.269	142	498452	19.824	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	482377	18.901	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.639	216	272111	23.389	ng/ul	99
40) Hexachlorocyclopentadiene	12.616	237	166218	22.611	ng/ul	96
41) 2,4,6-Trichlorophenol	12.880	196	167456	23.958	ng/ul	98
42) 2,4,5-Trichlorophenol	12.951	196	177929	23.370	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	618745	21.222	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	486868	21.638	ng/ul	100
45) 2-Nitroaniline	13.527	65	130859	23.264	ng/ul	98
47) Dimethylphthalate	13.904	163	562474	20.966	ng/ul	100
48) 2,6-Dinitrotoluene	14.022	165	111246	23.140	ng/ul	94
50) Acenaphthylene	14.169	152	714215	21.795	ng/ul	100
51) 3-Nitroaniline	14.351	138	117974	21.523	ng/ul	99
52) Acenaphthene	14.510	153	500496	20.558	ng/ul	99
53) 2,4-Dinitrophenol	14.563	184	70389	21.940	ng/ul	95
55) 4-Nitrophenol	14.663	109	75994	18.870	ng/ul	93
56) Dibenzofuran	14.845	168	692281	20.439	ng/ul	100
57) 2,4-Dinitrotoluene	14.810	165	154435	22.713	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	145994	23.954	ng/ul	94
59) Diethylphthalate	15.263	149	550887	20.809	ng/ul	100
61) Fluorene	15.492	166	564834	19.862	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	288091	21.036	ng/ul	99
63) 4-Nitroaniline	15.516	138	118318	23.054	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.574	198	80994	18.193	ng/ul	100
67) N-Nitrosodiphenylamine	15.698	169	485419	21.185	ng/ul	100
68) 4-Bromophenyl-phenylether	16.380	248	166367	21.990	ng/ul	97
69) Hexachlorobenzene	16.498	284	189501	22.038	ng/ul	98
70) Atrazine	16.651	200	162694	19.785	ng/ul	100
71) Pentachlorophenol	16.839	266	107305	20.364	ng/ul	95
72) Phenanthrene	17.227	178	845656	20.107	ng/ul	99
74) Anthracene	17.315	178	871003	20.520	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	281064	25.114	ng/uL	98
76) Pentachlorobenzene	14.769	250	239374	22.209	ng/uL	99
77) Carbazole	17.586	167	757856	20.103	ng/ul	99
78) Di-n-butylphthalate	18.151	149	893599	22.634	ng/ul	100
80) Fluoranthene	19.239	202	951976	19.536	ng/ul	99
82) Pyrene	19.603	202	1001697	19.438	ng/ul	95
83) Butylbenzylphthalate	20.498	149	396981	24.544	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.274	252	329006	24.011	ng/ul	99
85) Benzo(a)anthracene	21.345	228	977102	21.343	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.268	149	609360	24.836	ng/ul	99
87) Chrysene	21.392	228	948461	21.011	ng/ul	100
89) Di-n-octyl phthalate	22.156	149	1043090	20.402	ng/ul	100
90) Benzo(b)fluoranthene	22.950	252	987134	19.347	ng/ul	98
91) Benzo(k)fluoranthene	22.991	252	1014378	20.813	ng/ul	99
93) Benzo(a)pyrene	23.539	252	896474	20.102	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.944	276	1173178	21.374	ng/ul	96
95) Dibenzo(a,h)anthracene	25.956	278	984436	21.302	ng/ul	98
96) Benzo(g,h,i)perylene	26.656	276	968734	21.478	ng/ul	96

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

