

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030556.D
 Acq On : 23 Jun 2021 17:00
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020007

Manual Integrations
 APPROVED

mohammad
 6/24/2021 9:49:49 AM

Quant Time: Jun 23 17:32:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun22 15:07:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	181925	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	767709	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	502344	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.174	188	1017703	20.000	ng/u1	0.00
79) Chrysene-d12	21.344	240	832794	20.000	ng/u1	0.00
88) Perylene-d12	23.615	264	725126	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	34697	7.732	ng/uL	0.00
4) Pyridine-d5	3.699	84	227822	18.896	ng/u1	0.00
7) Phenol-d5	6.975	99	307849	19.621	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	192238	19.493	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	246496	20.353	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	247206	20.246	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	116806	20.389	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	128599	20.200	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	259640	21.289	ng/u1	0.00
31) 4-Chloroaniline-d4	10.733	131	340065	19.995	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	722828	20.839	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	943596	20.958	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	126251	19.213	ng/u1	0.00
60) Fluorene-d10	15.427	176	632471	20.559	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	102326	15.368	ng/u1	0.00
73) Anthracene-d10	17.274	188	965100	20.320	ng/u1	0.00
81) Pyrene-d10	19.562	212	988187	22.645	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	798086	21.170	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	35528	7.444	ng/uL	95
5) Pyridine	3.716	79	235733	18.163	ng/u1	98
6) Benzaldehyde	6.951	77	192295	25.206	ng/u1	94
8) Phenol	6.998	94	311338	19.625	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.228	93	246620	19.724	ng/u1	100
12) 2-Chlorophenol	7.369	128	249803	20.468	ng/u1	99
13) 2-Methylphenol	8.245	108	232498	20.224	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.334	45	396106	19.985	ng/u1	100
16) Acetophenone	8.628	105	388672	20.613	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.610	70	204433	21.919	ng/u1	99
18) 4-Methylphenol	8.575	108	252188	20.143	ng/u1	95
19) Hexachloroethane	8.881	117	102811	20.105	ng/u1	94
22) Nitrobenzene	9.004	77	297785	20.605	ng/u1	100
23) Isophorone	9.528	82	532129	21.263	ng/u1	98
25) 2-Nitrophenol	9.710	139	140737	20.819	ng/u1	97
26) 2,4-Dimethylphenol	9.769	107	280831	20.554	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.004	93	333222	20.466	ng/u1	99
29) 2,4-Dichlorophenol	10.245	162	246523	21.100	ng/u1	99
30) Naphthalene	10.645	128	787117	20.250	ng/u1	100
32) 4-Chloroaniline	10.757	127	351556	20.821	ng/u1	98
33) Hexachlorobutadiene	10.927	225	161461	20.438	ng/u1	98
34) Caprolactam	11.533	113	72689m	21.434	ng/u1	
35) 4-Chloro-3-methylphenol	11.874	107	252807	22.036	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	582441	21.473	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.474	142	569048	20.726	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.627	216	319782	20.404	ng/ul	98
40) Hexachlorocyclopentadiene	12.604	237	140618	13.750	ng/ul	97
41) 2,4,6-Trichlorophenol	12.868	196	206712	20.943	ng/ul	99
42) 2,4,5-Trichlorophenol	12.939	196	222266	21.100	ng/ul	99
43) 1,1'-Biphenyl	13.268	154	749084	20.205	ng/ul	99
44) 2-Chloronaphthalene	13.310	162	588493	20.190	ng/ul	99
45) 2-Nitroaniline	13.516	65	172087	21.969	ng/ul	100
47) Dimethylphthalate	13.892	163	711740	20.943	ng/ul	99
48) 2,6-Dinitrotoluene	14.015	165	147345	22.502	ng/ul	93
50) Acenaphthylene	14.157	152	898743	21.520	ng/ul	100
51) 3-Nitroaniline	14.339	138	160096	22.951	ng/ul	97
52) Acenaphthene	14.498	153	623190	20.561	ng/ul	98
53) 2,4-Dinitrophenol	14.551	184	115011	26.718	ng/ul	95
55) 4-Nitrophenol	14.651	109	115704	22.009	ng/ul	98
56) Dibenzofuran	14.833	168	869281	20.573	ng/ul	99
57) 2,4-Dinitrotoluene	14.804	165	211237	23.040	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.062	232	187088	21.940	ng/ul#	100
59) Diethylphthalate	15.257	149	724946	22.206	ng/ul	99
61) Fluorene	15.486	166	730083	20.966	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.474	204	371396	21.416	ng/ul	99
63) 4-Nitroaniline	15.504	138	165855	24.969	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.562	198	101276	15.630	ng/ul	96
67) N-Nitrosodiphenylamine	15.692	169	633837	20.897	ng/ul	99
68) 4-Bromophenyl-phenylether	16.368	248	219843	21.171	ng/ul	98
69) Hexachlorobenzene	16.486	284	249598	20.780	ng/ul	99
70) Atrazine	16.639	200	216910	20.162	ng/ul	97
71) Pentachlorophenol	16.827	266	138128	18.352	ng/ul	97
72) Phenanthrene	17.215	178	1129045	20.659	ng/ul	99
74) Anthracene	17.309	178	1166453	20.874	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	331387	20.416	ng/ul	99
76) Pentachlorobenzene	14.757	250	300027	19.404	ng/ul	98
77) Carbazole	17.574	167	1014874	20.254	ng/ul	100
78) Di-n-butylphthalate	18.139	149	1209604	23.690	ng/ul	100
80) Fluoranthene	19.227	202	1244069	23.343	ng/ul	98
82) Pyrene	19.592	202	1272182	22.718	ng/ul	98
83) Butylbenzylphthalate	20.486	149	499957	27.123	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.262	252	341113	20.779	ng/ul	98
85) Benzo(a)anthracene	21.327	228	1077092	20.841	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.256	149	735100	27.727	ng/ul	99
87) Chrysene	21.380	228	1028975	20.423	ng/ul	99
89) Di-n-octyl phthalate	22.138	149	1150121	27.572	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	948102	20.594	ng/ul	100
91) Benzo(k)fluoranthene	22.974	252	945950	21.381	ng/ul	99
93) Benzo(a)pyrene	23.515	252	842953	20.364	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.915	276	1080969	20.743	ng/ul	97
95) Dibenzo(a,h)anthracene	25.926	278	898593	20.800	ng/ul	98
96) Benzo(g,h,i)perylene	26.621	276	881557	20.276	ng/ul	98

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

