

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030542.D
 Acq On : 23 Jun 2021 08:00
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020006

Manual Integrations
 APPROVED

mohammad
 6/23/2021 4:49:02 PM

Quant Time: Jun 23 08:35:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 23 08:34:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	192018	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	783226	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	483764	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.174	188	839385	20.000	ng/u1	0.00
79) Chrysene-d12	21.339	240	689733	20.000	ng/u1	-0.01
88) Perylene-d12	23.609	264	746043	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	33951	7.168	ng/uL	0.00
4) Pyridine-d5	3.699	84	228536	17.959	ng/u1	0.00
7) Phenol-d5	6.975	99	314969	19.019	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	194458	18.682	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	256422	20.060	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	250589	19.444	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	119343	20.420	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	136339	20.991	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	264925	21.292	ng/u1	0.00
31) 4-Chloroaniline-d4	10.733	131	338753	19.523	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	680388	20.369	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	910903	21.009	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	101710	16.073	ng/u1	0.00
60) Fluorene-d10	15.427	176	577919	19.507	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	80108	14.587	ng/u1	0.00
73) Anthracene-d10	17.274	188	793386	20.253	ng/u1	0.00
81) Pyrene-d10	19.562	212	751998	20.807	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	804691	20.746	ng/u1	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.316	88	36992	7.344	ng/uL	96
5) Pyridine	3.716	79	238584	17.417	ng/u1	98
6) Benzaldehyde	6.951	77	195482	24.277	ng/u1	96
8) Phenol	6.998	94	317590	18.966	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.234	93	252559	19.137	ng/u1	98
12) 2-Chlorophenol	7.369	128	260965	20.259	ng/u1	99
13) 2-Methylphenol	8.245	108	237657	19.586	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.334	45	398566	19.052	ng/u1	99
16) Acetophenone	8.628	105	397765	19.987	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.610	70	208065	21.136	ng/u1	100
18) 4-Methylphenol	8.575	108	259758	19.657	ng/u1	99
19) Hexachloroethane	8.881	117	107347	19.889	ng/u1	93
22) Nitrobenzene	9.004	77	295471	20.040	ng/u1	100
23) Isophorone	9.528	82	533295	20.887	ng/u1	99
25) 2-Nitrophenol	9.710	139	144279	20.921	ng/u1	99
26) 2,4-Dimethylphenol	9.769	107	285707	20.496	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.010	93	339995	20.468	ng/u1	99
29) 2,4-Dichlorophenol	10.245	162	253300	21.250	ng/u1	98
30) Naphthalene	10.645	128	811815	20.472	ng/u1	99
32) 4-Chloroaniline	10.757	127	348607	20.238	ng/u1	99
33) Hexachlorobutadiene	10.927	225	170132	21.109	ng/u1	99
34) Caprolactam	11.533	113	67738m	19.579	ng/u1	
35) 4-Chloro-3-methylphenol	11.880	107	244038	20.850	ng/u1	97
36) 2-Methylnaphthalene	12.257	142	591328	21.369	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.474	142	573144	20.462	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.627	216	322552	21.371	ng/ul	98
40) Hexachlorocyclopentadiene	12.604	237	142917	14.511	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	201158	21.163	ng/ul	97
42) 2,4,5-Trichlorophenol	12.939	196	212431	20.941	ng/ul	100
43) 1,1'-Biphenyl	13.269	154	748371	20.961	ng/ul	99
44) 2-Chloronaphthalene	13.310	162	585935	20.875	ng/ul	99
45) 2-Nitroaniline	13.516	65	158764	21.047	ng/ul	99
47) Dimethylphthalate	13.892	163	682109	20.842	ng/ul	99
48) 2,6-Dinitrotoluene	14.015	165	133756	21.211	ng/ul	94
50) Acenaphthylene	14.157	152	869193	21.612	ng/ul	100
51) 3-Nitroaniline	14.339	138	140050	20.849	ng/ul	97
52) Acenaphthene	14.498	153	597236	20.462	ng/ul	99
53) 2,4-Dinitrophenol	14.551	184	92166	22.233	ng/ul	97
55) 4-Nitrophenol	14.651	109	91498	18.073	ng/ul	97
56) Dibenzofuran	14.833	168	819024	20.128	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	181094	20.511	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.063	232	165242	20.122	ng/ul	99
59) Diethylphthalate	15.257	149	655532	20.851	ng/ul	99
61) Fluorene	15.486	166	670245	19.987	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.474	204	344167	20.608	ng/ul	100
63) 4-Nitroaniline	15.504	138	133243	20.830	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.562	198	80027	14.975	ng/ul	100
67) N-Nitrosodiphenylamine	15.692	169	572483	22.884	ng/ul	99
68) 4-Bromophenyl-phenylether	16.368	248	196351	22.925	ng/ul	99
69) Hexachlorobenzene	16.486	284	212671	21.467	ng/ul	97
70) Atrazine	16.639	200	180936	20.391	ng/ul	97
71) Pentachlorophenol	16.827	266	113909	18.349	ng/ul	98
72) Phenanthrene	17.215	178	921788	20.449	ng/ul	99
74) Anthracene	17.309	178	945930	20.524	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	335922	25.092	ng/uL	98
76) Pentachlorobenzene	14.757	250	285078	22.354	ng/uL	98
77) Carbazole	17.574	167	787176	19.047	ng/ul	99
78) Di-n-butylphthalate	18.139	149	935430	22.213	ng/ul	99
80) Fluoranthene	19.227	202	930545	21.082	ng/ul	98
82) Pyrene	19.592	202	962098	20.744	ng/ul	97
83) Butylbenzylphthalate	20.480	149	358530	23.485	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.262	252	295719	21.750	ng/ul	96
85) Benzo(a)anthracene	21.327	228	894103	20.888	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.256	149	511970	23.316	ng/ul#	99
87) Chrysene	21.380	228	855252	20.496	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	861135	20.065	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	946527	19.984	ng/ul	100
91) Benzo(k)fluoranthene	22.974	252	900946	19.793	ng/ul	98
93) Benzo(a)pyrene	23.515	252	843188	19.798	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.915	276	1137110	21.209	ng/ul	98
95) Dibenzo(a,h)anthracene	25.921	278	954873	21.483	ng/ul	98
96) Benzo(g,h,i)perylene	26.615	276	939497	21.002	ng/ul	99

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

