

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030512.D
 Acq On : 22 Jun 2021 12:39
 Operator : CG/JU
 Sample : SST02003
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST020103

Manual Integrations
 APPROVED

mohammad
 6/23/2021 4:46:52 PM

Quant Time: Jun 22 13:20:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 22 13:19:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	138971	20.00	ng/ul	0.00
20) Naphthalene-d8	10.598	136	557569	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	330451	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	615178	20.00	ng/ul	0.00
79) Chrysene-d12	21.350	240	566720	20.00	ng/ul	0.00
88) Perylene-d12	23.627	264	587471	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	27418	7.53	ng/uL	0.00
4) Pyridine-d5	3.699	84	177396	18.55	ng/ul	0.00
7) Phenol-d5	6.981	99	230942	19.12	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	147917	18.97	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	185662	21.25	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	181368	18.80	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	85216	22.33	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	95056	25.08	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	182484	22.10	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	236643	18.75	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	463255	20.43	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	613683	21.66	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	79909	18.83	ng/ul	0.00
60) Fluorene-d10	15.433	176	410576	20.22	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	72093	20.30	ng/ul	0.00
73) Anthracene-d10	17.280	188	596253	21.31	ng/ul	0.00
81) Pyrene-d10	19.568	212	605874	20.43	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.480	264	623320	21.28	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	28458	7.71	ng/uL	100
5) Pyridine	3.722	79	186890	18.51	ng/ul	100
6) Benzaldehyde	6.957	77	140919	24.89	ng/ul	100
8) Phenol	7.004	94	232533	19.01	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.234	93	187199	18.95	ng/ul	100
12) 2-Chlorophenol	7.375	128	189138	20.99	ng/ul	100
13) 2-Methylphenol	8.251	108	171237	18.82	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.340	45	302893	19.04	ng/ul	100
16) Acetophenone	8.634	105	280863	18.41	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.616	70	142340	19.20	ng/ul	100
18) 4-Methylphenol	8.581	108	185464	18.49	ng/ul	100
19) Hexachloroethane	8.887	117	78883	20.69	ng/ul	100
22) Nitrobenzene	9.010	77	214489	21.89	ng/ul	100
23) Isophorone	9.534	82	367510	20.51	ng/ul	100
25) 2-Nitrophenol	9.716	139	100448	23.92	ng/ul	100
26) 2,4-Dimethylphenol	9.775	107	202429	21.29	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.010	93	242874	20.36	ng/ul	100
29) 2,4-Dichlorophenol	10.251	162	174614	21.72	ng/ul	100
30) Naphthalene	10.651	128	580568	20.54	ng/ul	100
32) 4-Chloroaniline	10.763	127	237638	18.81	ng/ul	100
33) Hexachlorobutadiene	10.934	225	118427	23.14	ng/ul	100
34) Caprolactam	11.545	113	44620m	17.33	ng/ul	100
35) 4-Chloro-3-methylphenol	11.886	107	170259	20.81	ng/ul	100
36) 2-Methylnaphthalene	12.263	142	402289	20.01	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	406559	19.92	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.633	216	216375	22.52	ng/ul	100
40) Hexachlorocyclopentadiene	12.610	237	128800	21.22	ng/ul	100
41) 2,4,6-Trichlorophenol	12.875	196	135317	23.44	ng/ul	100
42) 2,4,5-Trichlorophenol	12.945	196	144195	22.93	ng/ul	100
43) 1,1'-Biphenyl	13.275	154	506458	21.04	ng/ul	100
44) 2-Chloronaphthalene	13.316	162	398295	21.44	ng/ul	100
45) 2-Nitroaniline	13.522	65	105279	22.67	ng/ul	100
47) Dimethylphthalate	13.898	163	450548	20.34	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	87285	21.99	ng/ul	100
50) Acenaphthylene	14.163	152	569273	21.04	ng/ul	100
51) 3-Nitroaniline	14.345	138	88858	19.63	ng/ul	100
52) Acenaphthene	14.504	153	409924	20.39	ng/ul	100
53) 2,4-Dinitrophenol	14.557	184	47211	17.82	ng/ul	100
55) 4-Nitrophenol	14.657	109	64942	19.53	ng/ul	100
56) Dibenzofuran	14.839	168	570523	20.40	ng/ul	100
57) 2,4-Dinitrotoluene	14.804	165	122464	21.81	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.069	232	113002	22.45	ng/ul	100
59) Diethylphthalate	15.263	149	432873	19.80	ng/ul	100
61) Fluorene	15.492	166	465885	19.84	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.480	204	228862	20.24	ng/ul	100
63) 4-Nitroaniline	15.510	138	85609	20.20	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.568	198	71113	20.20	ng/ul	100
67) N-Nitrosodiphenylamine	15.698	169	380040	20.97	ng/ul	100
68) 4-Bromophenyl-phenylether	16.374	248	130715	21.85	ng/ul	100
69) Hexachlorobenzene	16.492	284	149639	22.00	ng/ul	100
70) Atrazine	16.645	200	127148	19.55	ng/ul	100
71) Pentachlorophenol	16.833	266	83904	20.13	ng/ul	100
72) Phenanthrene	17.221	178	679965	20.44	ng/ul	100
74) Anthracene	17.315	178	696586	20.75	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	208670	23.57	ng/uL	100
76) Pentachlorobenzene	14.763	250	196689	23.07	ng/uL	100
77) Carbazole	17.586	167	589955	19.79	ng/ul	100
78) Di-n-butylphthalate	18.145	149	631852	20.24	ng/ul	100
80) Fluoranthene	19.233	202	740551	20.32	ng/ul	100
82) Pyrene	19.598	202	776947	20.16	ng/ul	100
83) Butylbenzylphthalate	20.492	149	257605	21.29	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.268	252	206869	20.18	ng/ul	100
85) Benzo(a)anthracene	21.333	228	729238	21.30	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.262	149	373526	20.35	ng/ul	100
87) Chrysene	21.386	228	716001	21.21	ng/ul	100
89) Di-n-octyl phthalate	22.150	149	652822	17.25	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	761047	20.15	ng/ul	100
91) Benzo(k)fluoranthene	22.986	252	728578	20.20	ng/ul	100
93) Benzo(a)pyrene	23.527	252	689992	20.90	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.933	276	881270	21.69	ng/ul	100
95) Dibenzo(a,h)anthracene	25.938	278	730079	21.35	ng/ul	100
96) Benzo(g,h,i)perylene	26.638	276	742606	22.25	ng/ul	100

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

