

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030819.D
 Acq On : 06 Jul 2021 13:19
 Operator : CG/JU
 Sample : SST08006
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST080106

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:11:04 PM

Quant Time: Jul 06 13:49:06 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	92145	20.00	ng/ul	0.00
20) Naphthalene-d8	10.551	136	398477	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	253763	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	473797	20.00	ng/ul	0.00
79) Chrysene-d12	21.309	240	385349	20.00	ng/ul	0.00
88) Perylene-d12	23.556	264	365028	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	74073	32.59	ng/uL	0.00
4) Pyridine-d5	3.663	84	530621	86.89	ng/ul	-0.01
7) Phenol-d5	6.940	99	670110	84.32	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	419927	84.07	ng/ul	0.00
11) 2-Chlorophenol-d4	7.304	132	542132	88.38	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	541146	87.50	ng/ul	0.01
21) Nitrobenzene-d5	8.928	128	265261	89.21	ng/ul	0.00
24) 2-Nitrophenol-d4	9.645	143	305205	92.36	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	562183	88.81	ng/ul	0.00
31) 4-Chloroaniline-d4	10.692	131	733259	83.06	ng/ul	0.00
46) Dimethylphthalate-d6	13.816	166	1511482	86.26	ng/ul	0.00
49) Acenaphthylene-d8	14.092	160	1981433	87.12	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	273109	82.27	ng/ul	0.01
60) Fluorene-d10	15.392	176	1326438	85.35	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	274508	88.56	ng/ul	0.00
73) Anthracene-d10	17.239	188	1898521	85.86	ng/ul	0.00
81) Pyrene-d10	19.527	212	1816919	89.98	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.421	264	1627945	85.78	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	76592	31.68	ng/uL	98
5) Pyridine	3.681	79	556935	84.72	ng/ul	98
6) Benzaldehyde	6.916	77	317312	82.12	ng/ul	99
8) Phenol	6.969	94	682113	84.89	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.198	93	524576	82.83	ng/ul	100
12) 2-Chlorophenol	7.334	128	541118	87.54	ng/ul	99
13) 2-Methylphenol	8.210	108	503553	86.48	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.298	45	858802	85.55	ng/ul	99
16) Acetophenone	8.592	105	841652	88.13	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.592	70	451883	95.66	ng/ul	97
18) 4-Methylphenol	8.545	108	549069	86.59	ng/ul	97
19) Hexachloroethane	8.840	117	228282	88.14	ng/ul	94
22) Nitrobenzene	8.969	77	655894	87.44	ng/ul	97
23) Isophorone	9.498	82	1179362	90.79	ng/ul	99
25) 2-Nitrophenol	9.675	139	316034	90.07	ng/ul	97
26) 2,4-Dimethylphenol	9.734	107	620590	87.51	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.969	93	718881	85.06	ng/ul	98
29) 2,4-Dichlorophenol	10.204	162	534917	88.21	ng/ul	99
30) Naphthalene	10.604	128	1680316	83.29	ng/ul	99
32) 4-Chloroaniline	10.716	127	731590	83.48	ng/ul	100
33) Hexachlorobutadiene	10.881	225	353688	86.25	ng/ul	98
34) Caprolactam	11.522	113	153894m	87.43	ng/ul	
35) 4-Chloro-3-methylphenol	11.845	107	546459	91.77	ng/ul	100
36) 2-Methylnaphthalene	12.216	142	1224335	86.96	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.433	142	1226476	86.06	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.586	216	665144	84.01	ng/ul	99
40) Hexachlorocyclopentadiene	12.563	237	414640	80.26	ng/ul	98
41) 2,4,6-Trichlorophenol	12.827	196	440323	88.31	ng/ul	97
42) 2,4,5-Trichlorophenol	12.898	196	468317	88.01	ng/ul	99
43) 1,1'-Biphenyl	13.233	154	1570205	83.84	ng/ul	99
44) 2-Chloronaphthalene	13.275	162	1218211	82.74	ng/ul	99
45) 2-Nitroaniline	13.480	65	382692	96.71	ng/ul	99
47) Dimethylphthalate	13.863	163	1468604	85.54	ng/ul	100
48) 2,6-Dinitrotoluene	13.986	165	314762	95.16	ng/ul	95
50) Acenaphthylene	14.122	152	1800827	85.36	ng/ul	99
51) 3-Nitroaniline	14.316	138	301206	85.48	ng/ul	94
52) Acenaphthene	14.463	153	1291432	84.35	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	196831	90.52	ng/ul	99
55) 4-Nitrophenol	14.627	109	229385	86.38	ng/ul	96
56) Dibenzofuran	14.798	168	1790052	83.86	ng/ul	99
57) 2,4-Dinitrotoluene	14.774	165	428505	92.52	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.027	232	385666	89.53	ng/ul	99
59) Diethylphthalate	15.221	149	1471879	89.25	ng/ul	99
61) Fluorene	15.445	166	1535534	87.29	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.439	204	777015	88.70	ng/ul	99
63) 4-Nitroaniline	15.480	138	282566	84.21	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.539	198	261749	86.77	ng/ul#	97
67) N-Nitrosodiphenylamine	15.657	169	1241496	87.92	ng/ul	99
68) 4-Bromophenyl-phenylether	16.333	248	445941	92.24	ng/ul	96
69) Hexachlorobenzene	16.451	284	496627	88.81	ng/ul	96
70) Atrazine	16.610	200	420945	84.05	ng/ul	100
71) Pentachlorophenol	16.792	266	304565	86.92	ng/ul	98
72) Phenanthrene	17.180	178	2135569	83.93	ng/ul	99
74) Anthracene	17.274	178	2223185	85.46	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.198	216	649894	86.00	ng/uL	99
76) Pentachlorobenzene	14.721	250	632900	87.92	ng/uL	99
77) Carbazole	17.545	167	1846098	79.14	ng/ul	100
78) Di-n-butylphthalate	18.104	149	2274564	95.69	ng/ul	99
80) Fluoranthene	19.192	202	2254150	91.41	ng/ul	99
82) Pyrene	19.556	202	2321890	89.61	ng/ul	99
83) Butylbenzylphthalate	20.451	149	856347	100.40	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.227	252	541750	71.32	ng/ul	99
85) Benzo(a)anthracene	21.298	228	2008791	84.00	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	1271990	103.69	ng/ul	100
87) Chrysene	21.345	228	1945344	83.44	ng/ul	100
89) Di-n-octyl phthalate	22.097	149	1967820	93.71	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	1965728	84.82	ng/ul	99
91) Benzo(k)fluoranthene	22.927	252	1934910	86.88	ng/ul	99
93) Benzo(a)pyrene	23.468	252	1781232	85.48	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.844	276	2312284	88.14	ng/ul	99
95) Dibenzo(a,h)anthracene	25.850	278	1951980	89.76	ng/ul	99
96) Benzo(g,h,i)perylene	26.532	276	1711670	78.20	ng/ul	99

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

