

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030514.D
 Acq On : 22 Jun 2021 13:52
 Operator : CG/JU
 Sample : SST08005
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST080105

Manual Integrations
 APPROVED

mohammad
 6/23/2021 4:46:58 PM

Quant Time: Jun 22 14:58:35 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	140046	20.00	ng/ul	0.00
20) Naphthalene-d8	10.604	136	567574	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	351933	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	702436	20.00	ng/ul	0.00
79) Chrysene-d12	21.356	240	752695	20.00	ng/ul	0.00
88) Perylene-d12	23.627	264	782864	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	115232	31.42	ng/uL	0.00
4) Pyridine-d5	3.693	84	808490	83.89	ng/ul	0.00
7) Phenol-d5	6.987	99	991811	81.48	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	605460	77.07	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	802409	91.16	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	770804	79.29	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	374874	96.49	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	425285	110.22	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	790136	94.01	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	1034880	80.54	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	2033248	84.19	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	2705936	89.68	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	407441	90.13	ng/ul	0.01
60) Fluorene-d10	15.439	176	1817797	84.07	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	406021	100.14	ng/ul	0.01
73) Anthracene-d10	17.286	188	2781348	87.06	ng/ul	0.00
81) Pyrene-d10	19.568	212	3066881	77.85	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.492	264	3483328	89.23	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	119034	32.02	ng/uL	95
5) Pyridine	3.710	79	838376	82.40	ng/ul	98
6) Benzaldehyde	6.957	77	451319	79.12	ng/ul	95
8) Phenol	7.010	94	1001031	81.20	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.240	93	770225	77.39	ng/ul	99
12) 2-Chlorophenol	7.381	128	802309	88.35	ng/ul	99
13) 2-Methylphenol	8.257	108	723050	78.87	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.340	45	1201457	74.95	ng/ul	100
16) Acetophenone	8.634	105	1171057	76.19	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.628	70	611479	81.85	ng/ul	99
18) 4-Methylphenol	8.587	108	782348	77.40	ng/ul	94
19) Hexachloroethane	8.887	117	338310	88.05	ng/ul	97
22) Nitrobenzene	9.016	77	901455	90.38	ng/ul	98
23) Isophorone	9.545	82	1582968	86.80	ng/ul	99
25) 2-Nitrophenol	9.722	139	443282	103.71	ng/ul	99
26) 2,4-Dimethylphenol	9.781	107	856835	88.55	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.016	93	989078	81.46	ng/ul	99
29) 2,4-Dichlorophenol	10.251	162	740415	90.46	ng/ul	97
30) Naphthalene	10.651	128	2363702	82.16	ng/ul	100
32) 4-Chloroaniline	10.763	127	1019807	79.29	ng/ul	100
33) Hexachlorobutadiene	10.934	225	487065	93.51	ng/ul	99
34) Caprolactam	11.563	113	224755m	85.76	ng/ul	
35) 4-Chloro-3-methylphenol	11.892	107	740853	88.94	ng/ul	96
36) 2-Methylnaphthalene	12.263	142	1680997	82.13	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	1692090	81.45	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.633	216	915775	89.50	ng/ul	100
40) Hexachlorocyclopentadiene	12.616	237	592724	91.68	ng/ul	99
41) 2,4,6-Trichlorophenol	12.875	196	601264	97.82	ng/ul	96
42) 2,4,5-Trichlorophenol	12.945	196	645185	96.36	ng/ul	98
43) 1,1'-Biphenyl	13.275	154	2127933	82.99	ng/ul	100
44) 2-Chloronaphthalene	13.322	162	1682153	85.01	ng/ul	99
45) 2-Nitroaniline	13.527	65	509688	103.03	ng/ul	96
47) Dimethylphthalate	13.904	163	1992920	84.47	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	430851	101.90	ng/ul	97
50) Acenaphthylene	14.169	152	2471858	85.77	ng/ul	99
51) 3-Nitroaniline	14.351	138	429028	89.00	ng/ul	96
52) Acenaphthene	14.510	153	1767428	82.55	ng/ul	98
53) 2,4-Dinitrophenol	14.557	184	292093	103.53	ng/ul	99
55) 4-Nitrophenol	14.669	109	325162	91.81	ng/ul	98
56) Dibenzofuran	14.845	168	2436303	81.79	ng/ul	100
57) 2,4-Dinitrotoluene	14.810	165	606825	101.48	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.069	232	536574	100.11	ng/ul	99
59) Diethylphthalate	15.269	149	1982881	85.17	ng/ul	99
61) Fluorene	15.492	166	2086356	83.42	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	1027053	85.27	ng/ul	98
63) 4-Nitroaniline	15.521	138	425353	94.24	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.574	198	389028	96.76	ng/ul#	99
67) N-Nitrosodiphenylamine	15.698	169	1734797	83.84	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	605920	88.68	ng/ul	99
69) Hexachlorobenzene	16.492	284	705249	90.82	ng/ul	100
70) Atrazine	16.651	200	616252	82.98	ng/ul	98
71) Pentachlorophenol	16.839	266	453625	95.32	ng/ul	97
72) Phenanthrene	17.227	178	3144749	82.80	ng/ul	100
74) Anthracene	17.321	178	3268026	85.25	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	890223	88.08	ng/uL	99
76) Pentachlorobenzene	14.763	250	856260	87.97	ng/uL	99
77) Carbazole	17.586	167	2869350	84.28	ng/ul	99
78) Di-n-butylphthalate	18.145	149	3285055	92.14	ng/ul	99
80) Fluoranthene	19.239	202	3711882	76.68	ng/ul	99
82) Pyrene	19.604	202	3865053	75.50	ng/ul	98
83) Butylbenzylphthalate	20.492	149	1499681	93.33	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.268	252	1295488	95.17	ng/ul	98
85) Benzo(a)anthracene	21.339	228	3856033	84.79	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.262	149	2275082	93.34	ng/ul	99
87) Chrysene	21.392	228	3704728	82.61	ng/ul	98
89) Di-n-octyl phthalate	22.150	149	3840846	76.17	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	4172202	82.91	ng/ul	100
91) Benzo(k)fluoranthene	22.992	252	3965403	82.50	ng/ul	99
93) Benzo(a)pyrene	23.533	252	3789437	86.15	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.950	276	4970474	91.82	ng/ul	99
95) Dibenzo(a,h)anthracene	25.956	278	4151712	91.09	ng/ul	99
96) Benzo(g,h,i)perylene	26.656	276	4034359	90.69	ng/ul	99

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

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