

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
 Data File : BM030168.D
 Acq On : 26 May 2021 13:02
 Operator : CG/JU
 Sample : SSTD02014
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020014

Manual Integrations
 APPROVED

Sohil
 5/27/2021 10:33:42 AM

Quant Time: May 26 13:53:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 26 13:53:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	216473	20.00	ng/ul	0.00
20) Naphthalene-d8	10.674	136	932824	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	624040	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1343496	20.00	ng/ul	0.00
79) Chrysene-d12	21.391	240	1555514	20.00	ng/ul	0.00
88) Perylene-d12	23.691	264	1666178	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	39262	7.24	ng/uL	0.00
4) Pyridine-d5	3.751	84	268976	19.82	ng/ul	0.00
7) Phenol-d5	7.034	99	354230	17.60	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	230377	18.45	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	274188	17.65	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	282557	16.97	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	113796	17.70	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	107301	14.79	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	287659	19.77	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	422149	19.07	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	916417	18.95	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	1179694	19.25	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	142307	18.06	ng/ul	0.00
60) Fluorene-d10	15.492	176	798400	19.44	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	104628	11.99	ng/ul	0.00
73) Anthracene-d10	17.333	188	1262909	18.67	ng/ul	0.00
81) Pyrene-d10	19.615	212	1493104	18.71	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.544	264	1793926	18.99	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	41731	7.11	ng/uL	100
5) Pyridine	3.775	79	278106	19.98	ng/ul	100
6) Benzaldehyde	7.022	77	245895	23.66	ng/ul	100
8) Phenol	7.063	94	364696	17.74	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.298	93	297281	18.29	ng/ul	100
12) 2-Chlorophenol	7.445	128	281415	17.76	ng/ul	100
13) 2-Methylphenol	8.310	108	275627	17.70	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.410	45	500140	20.43	ng/ul	100
16) Acetophenone	8.698	105	469556	17.58	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.686	70	253152	18.52	ng/ul	100
18) 4-Methylphenol	8.639	108	297531	17.24	ng/ul	100
19) Hexachloroethane	8.963	117	119409	17.84	ng/ul	100
22) Nitrobenzene	9.075	77	318215	19.00	ng/ul	100
23) Isophorone	9.604	82	669174	18.89	ng/ul	100
25) 2-Nitrophenol	9.786	139	124130	15.76	ng/ul	100
26) 2,4-Dimethylphenol	9.839	107	334615	18.83	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.080	93	407398	19.63	ng/ul	100
29) 2,4-Dichlorophenol	10.316	162	278906	19.52	ng/ul	100
30) Naphthalene	10.722	128	979469	18.92	ng/ul	100
32) 4-Chloroaniline	10.827	127	435487	19.09	ng/ul	100
33) Hexachlorobutadiene	11.010	225	181206	18.92	ng/ul	100
34) Caprolactam	11.627	113	85388m	16.84	ng/ul	100
35) 4-Chloro-3-methylphenol	11.939	107	294844	18.65	ng/ul	100
36) 2-Methylnaphthalene	12.327	142	732559	19.50	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	714140	19.19	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.698	216	381070	19.76	ng/ul	100
40) Hexachlorocyclopentadiene	12.680	237	237677	23.73	ng/ul	100
41) 2,4,6-Trichlorophenol	12.933	196	214299	18.22	ng/ul	100
42) 2,4,5-Trichlorophenol	12.998	196	231527	18.60	ng/ul	100
43) 1,1'-Biphenyl	13.339	154	939970	19.38	ng/ul	100
44) 2-Chloronaphthalene	13.380	162	722779	19.41	ng/ul	100
45) 2-Nitroaniline	13.574	65	168078	17.86	ng/ul	100
47) Dimethylphthalate	13.957	163	907768	18.74	ng/ul	100
48) 2,6-Dinitrotoluene	14.068	165	146539	16.85	ng/ul	100
50) Acenaphthylene	14.221	152	1136358	19.17	ng/ul	100
51) 3-Nitroaniline	14.398	138	165613	16.96	ng/ul	100
52) Acenaphthene	14.562	153	797235	19.03	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	104731	17.70	ng/ul	100
55) 4-Nitrophenol	14.698	109	215568	35.59	ng/ul	100
56) Dibenzofuran	14.898	168	1106997	19.29	ng/ul	100
57) 2,4-Dinitrotoluene	14.857	165	220178	17.11	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.121	232	205297	17.32	ng/ul	100
59) Diethylphthalate	15.315	149	931832	18.45	ng/ul	100
61) Fluorene	15.545	166	941530	19.19	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	455585	18.90	ng/ul	100
63) 4-Nitroaniline	15.557	138	188680	19.49	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.615	198	109924	12.80	ng/ul	100
67) N-Nitrosodiphenylamine	15.751	169	828264	18.98	ng/ul	100
68) 4-Bromophenyl-phenylether	16.427	248	284216	19.01	ng/ul	100
69) Hexachlorobenzene	16.545	284	323804	18.23	ng/ul	100
70) Atrazine	16.692	200	291466	18.10	ng/ul	100
71) Pentachlorophenol	16.880	266	215979	21.23	ng/ul	100
72) Phenanthrene	17.274	178	1504949	19.00	ng/ul	100
74) Anthracene	17.368	178	1544915	19.08	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	398303	18.74	ng/uL	100
76) Pentachlorobenzene	14.821	250	370302	18.27	ng/uL	100
77) Carbazole	17.633	167	1448477	19.52	ng/ul	100
78) Di-n-butylphthalate	18.198	149	1602168	18.19	ng/ul	100
80) Fluoranthene	19.280	202	1822557	18.77	ng/ul	100
82) Pyrene	19.644	202	1904673	18.64	ng/ul	100
83) Butylbenzylphthalate	20.533	149	694126	19.11	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.309	252	688144	19.45	ng/ul	100
85) Benzo(a)anthracene	21.380	228	1957717	19.29	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.309	149	1123936	17.95	ng/ul	100
87) Chrysene	21.427	228	1913651	18.93	ng/ul	100
89) Di-n-octyl phthalate	22.197	149	1915008	15.02	ng/ul	100
90) Benzo(b)fluoranthene	22.997	252	2083046	19.27	ng/ul	100
91) Benzo(k)fluoranthene	23.038	252	2104912	18.53	ng/ul	100
93) Benzo(a)pyrene	23.585	252	1886135	19.22	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.026	276	2392315	20.14	ng/ul	100
95) Dibenzo(a,h)anthracene	26.038	278	2003429	19.89	ng/ul	100
96) Benzo(g,h,i)perylene	26.744	276	1938300	20.14	ng/ul	100

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

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