

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
 Data File : BM030169.D
 Acq On : 26 May 2021 13:39
 Operator : CG/JU
 Sample : SST04015
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST040015

Manual Integrations
 APPROVED

Sohil
 5/27/2021 10:33:46 AM

Quant Time: May 26 14:12:41 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	231639	20.00	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1000762	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	643240	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1260304	20.00	ng/ul	0.00
79) Chrysene-d12	21.392	240	1048273	20.00	ng/ul	0.00
88) Perylene-d12	23.691	264	972449	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	90513	15.60	ng/uL	0.00
4) Pyridine-d5	3.752	84	650579	44.80	ng/ul	0.00
7) Phenol-d5	7.034	99	845032	39.23	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	535052	40.06	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	653302	39.29	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	681057	38.23	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	294594	42.72	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	288495	37.06	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.292	165	699191	44.80	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	963213	40.55	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	2033489	40.79	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	2690856	42.59	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	321068	39.54	ng/ul	0.00
60) Fluorene-d10	15.492	176	1740473	41.12	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	244166	29.83	ng/ul	0.00
73) Anthracene-d10	17.333	188	2569536	40.49	ng/ul	0.00
81) Pyrene-d10	19.615	212	2595709	48.27	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.544	264	2342439	42.49	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	96865	15.43	ng/uL	96
5) Pyridine	3.769	79	672203	45.13	ng/ul	98
6) Benzaldehyde	7.022	77	542608	48.80	ng/ul	98
8) Phenol	7.063	94	850106	38.65	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.304	93	693133	39.86	ng/ul	99
12) 2-Chlorophenol	7.445	128	672409	39.66	ng/ul	99
13) 2-Methylphenol	8.310	108	655715	39.35	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.404	45	1162470	44.38	ng/ul	99
16) Acetophenone	8.698	105	1089588	38.11	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.692	70	597306	40.83	ng/ul	99
18) 4-Methylphenol	8.640	108	706435	38.24	ng/ul	97
19) Hexachloroethane	8.963	117	280430	39.15	ng/ul	97
22) Nitrobenzene	9.075	77	779840	43.40	ng/ul	99
23) Isophorone	9.610	82	1583437	41.66	ng/ul	100
25) 2-Nitrophenol	9.786	139	330862	39.15	ng/ul	98
26) 2,4-Dimethylphenol	9.839	107	790759	41.47	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.081	93	957012	42.99	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	664630	43.36	ng/ul	99
30) Naphthalene	10.722	128	2255250	40.60	ng/ul	99
32) 4-Chloroaniline	10.828	127	995671	40.69	ng/ul	100
33) Hexachlorobutadiene	11.010	225	441245	42.93	ng/ul	99
34) Caprolactam	11.604	113	189322m	34.80	ng/ul	
35) 4-Chloro-3-methylphenol	11.945	107	704027	41.50	ng/ul	99
36) 2-Methylnaphthalene	12.328	142	1699254	42.17	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	1647018	41.24	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.698	216	882058	44.38	ng/ul	99
40) Hexachlorocyclopentadiene	12.680	237	592709	57.41	ng/ul	99
41) 2,4,6-Trichlorophenol	12.933	196	523010	43.15	ng/ul	95
42) 2,4,5-Trichlorophenol	13.004	196	560139	43.66	ng/ul	99
43) 1,1'-Biphenyl	13.339	154	2140633	42.81	ng/ul	99
44) 2-Chloronaphthalene	13.380	162	1638018	42.69	ng/ul	99
45) 2-Nitroaniline	13.580	65	428779	44.21	ng/ul	94
47) Dimethylphthalate	13.957	163	2000761	40.08	ng/ul	100
48) 2,6-Dinitrotoluene	14.074	165	367920	41.05	ng/ul	96
50) Acenaphthylene	14.227	152	2564919	41.97	ng/ul	99
51) 3-Nitroaniline	14.398	138	392169	38.95	ng/ul	99
52) Acenaphthene	14.569	153	1786809	41.37	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	163582	26.83	ng/ul	99
55) 4-Nitrophenol	14.698	109	249208	39.91	ng/ul	94
56) Dibenzofuran	14.898	168	2443840	41.32	ng/ul	98
57) 2,4-Dinitrotoluene	14.857	165	511051	38.54	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.121	232	469645	38.45	ng/ul	99
59) Diethylphthalate	15.321	149	2013066	38.66	ng/ul	99
61) Fluorene	15.545	166	2065753	40.85	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	1018865	41.00	ng/ul	99
63) 4-Nitroaniline	15.563	138	408825	40.96	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.616	198	254033	31.53	ng/ul	96
67) N-Nitrosodiphenylamine	15.751	169	1775656	43.37	ng/ul	100
68) 4-Bromophenyl-phenylether	16.433	248	604106	43.06	ng/ul	97
69) Hexachlorobenzene	16.545	284	682736	40.98	ng/ul	98
70) Atrazine	16.698	200	593046	39.26	ng/ul	99
71) Pentachlorophenol	16.886	266	363852	38.12	ng/ul	100
72) Phenanthrene	17.280	178	3049706	41.04	ng/ul	100
74) Anthracene	17.368	178	3122506	41.10	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	921908	46.24	ng/uL	99
76) Pentachlorobenzene	14.821	250	837612	44.06	ng/uL	100
77) Carbazole	17.633	167	2721804	39.10	ng/ul	99
78) Di-n-butylphthalate	18.198	149	3150561	38.13	ng/ul	100
80) Fluoranthene	19.286	202	3208254	49.02	ng/ul	99
82) Pyrene	19.645	202	3264865	47.40	ng/ul	98
83) Butylbenzylphthalate	20.533	149	1138417	46.51	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.309	252	989445	41.49	ng/ul	98
85) Benzo(a)anthracene	21.380	228	2862817	41.86	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.309	149	1738391	41.19	ng/ul	99
87) Chrysene	21.433	228	2790567	40.97	ng/ul	99
89) Di-n-octyl phthalate	22.197	149	2714429	36.48	ng/ul	100
90) Benzo(b)fluoranthene	22.997	252	2812479	44.59	ng/ul	100
91) Benzo(k)fluoranthene	23.044	252	2659469	40.10	ng/ul	100
93) Benzo(a)pyrene	23.591	252	2430798	42.43	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.032	276	3088569	44.54	ng/ul	100
95) Dibenzo(a,h)anthracene	26.044	278	2583339	43.95	ng/ul	98
96) Benzo(g,h,i)perylene	26.750	276	2526539	44.97	ng/ul	100

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

