

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
 Data File : BM030167.D
 Acq On : 26 May 2021 12:26
 Operator : CG/JU
 Sample : SST01013
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST010013

Manual Integrations
 APPROVED

Sohil
 5/27/2021 10:33:39 AM

Quant Time: May 26 13:59:45 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	207716	20.00	ng/ul	0.00
20) Naphthalene-d8	10.675	136	898863	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	619969	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1322957	20.00	ng/ul	0.00
79) Chrysene-d12	21.392	240	1356552	20.00	ng/ul	0.00
88) Perylene-d12	23.686	264	1248681	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	19739	3.79	ng/uL	0.00
4) Pyridine-d5	3.757	84	123542	9.49	ng/ul	0.00
7) Phenol-d5	7.034	99	165510	8.57	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	111629	9.32	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	129222	8.67	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	134540	8.42	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	51554	8.32	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	46049	6.59	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	133958	9.56	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	206466	9.68	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	467600	9.73	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	582434	9.56	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	61456	7.85	ng/ul	0.00
60) Fluorene-d10	15.486	176	407030	9.98	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	44269	5.15	ng/ul	0.00
73) Anthracene-d10	17.333	188	644002	9.67	ng/ul	0.00
81) Pyrene-d10	19.615	212	723723	10.40	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.539	264	678789	9.59	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	21129	3.75	ng/uL	96
5) Pyridine	3.781	79	128173	9.60	ng/ul	98
6) Benzaldehyde	7.022	77	117181	11.75	ng/ul	97
8) Phenol	7.057	94	171178	8.68	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.298	93	143251	9.19	ng/ul	97
12) 2-Chlorophenol	7.445	128	132315	8.70	ng/ul	97
13) 2-Methylphenol	8.310	108	129168	8.64	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.404	45	248212	10.57	ng/ul	99
16) Acetophenone	8.698	105	230049	8.97	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.681	70	122513	9.34	ng/ul	99
18) 4-Methylphenol	8.634	108	142804	8.62	ng/ul	98
19) Hexachloroethane	8.963	117	56127	8.74	ng/ul	96
22) Nitrobenzene	9.075	77	146543	9.08	ng/ul	96
23) Isophorone	9.604	82	333375	9.76	ng/ul	99
25) 2-Nitrophenol	9.786	139	53126	7.00	ng/ul	98
26) 2,4-Dimethylphenol	9.839	107	161841	9.45	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.081	93	203348	10.17	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	131225	9.53	ng/ul	97
30) Naphthalene	10.722	128	482011	9.66	ng/ul	99
32) 4-Chloroaniline	10.828	127	216857	9.87	ng/ul	99
33) Hexachlorobutadiene	11.010	225	92336	10.00	ng/ul	97
34) Caprolactam	11.622	113	38335m	7.85	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	141284	9.27	ng/ul	96
36) 2-Methylnaphthalene	12.328	142	366223	10.12	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	358391	9.99	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.698	216	188714	9.85	ng/ul	99
40) Hexachlorocyclopentadiene	12.680	237	115388	11.60	ng/ul	99
41) 2,4,6-Trichlorophenol	12.933	196	101740	8.71	ng/ul	97
42) 2,4,5-Trichlorophenol	12.998	196	110844	8.96	ng/ul	96
43) 1,1'-Biphenyl	13.333	154	476383	9.88	ng/ul	99
44) 2-Chloronaphthalene	13.380	162	364532	9.86	ng/ul	100
45) 2-Nitroaniline	13.574	65	71404	7.64	ng/ul	98
47) Dimethylphthalate	13.957	163	461256	9.59	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	62603	7.25	ng/ul	97
50) Acenaphthylene	14.222	152	570070	9.68	ng/ul	99
51) 3-Nitroaniline	14.398	138	70224	7.24	ng/ul#	98
52) Acenaphthene	14.563	153	404007	9.71	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	41489	7.06	ng/ul	97
55) 4-Nitrophenol	14.692	109	121459	20.18	ng/ul	98
56) Dibenzofuran	14.898	168	568558	9.97	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	94671	7.41	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.121	232	94040	7.99	ng/ul	97
59) Diethylphthalate	15.316	149	471877	9.40	ng/ul	99
61) Fluorene	15.545	166	478422	9.82	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	234401	9.79	ng/ul	99
63) 4-Nitroaniline	15.551	138	77681	8.08	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.610	198	45688	5.40	ng/ul#	96
67) N-Nitrosodiphenylamine	15.751	169	417375	9.71	ng/ul	98
68) 4-Bromophenyl-phenylether	16.427	248	142590	9.68	ng/ul	96
69) Hexachlorobenzene	16.545	284	165342	9.46	ng/ul	99
70) Atrazine	16.692	200	142471	8.99	ng/ul	98
71) Pentachlorophenol	16.880	266	96519	9.63	ng/ul	97
72) Phenanthrene	17.274	178	757108	9.71	ng/ul	99
74) Anthracene	17.368	178	781229	9.80	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	199013	9.51	ng/uL	98
76) Pentachlorobenzene	14.816	250	191859	9.61	ng/uL	99
77) Carbazole	17.633	167	706406	9.67	ng/ul	99
78) Di-n-butylphthalate	18.198	149	780513	9.00	ng/ul	100
80) Fluoranthene	19.280	202	884611	10.44	ng/ul	99
82) Pyrene	19.645	202	932607	10.46	ng/ul	99
83) Butylbenzylphthalate	20.533	149	285792	9.02	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.309	252	269776	8.74	ng/ul	100
85) Benzo(a)anthracene	21.380	228	890812	10.06	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.309	149	458855	8.40	ng/ul	99
87) Chrysene	21.427	228	851470	9.66	ng/ul	100
89) Di-n-octyl phthalate	22.197	149	714373	7.48	ng/ul	100
90) Benzo(b)fluoranthene	22.992	252	836368	10.33	ng/ul	99
91) Benzo(k)fluoranthene	23.039	252	816537	9.59	ng/ul	99
93) Benzo(a)pyrene	23.586	252	714373	9.71	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.021	276	809430	9.09	ng/ul	100
95) Dibenzo(a,h)anthracene	26.038	278	682476	9.04	ng/ul	97
96) Benzo(g,h,i)perylene	26.738	276	657941	9.12	ng/ul	99

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

