

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
 Data File : BM030170.D
 Acq On : 26 May 2021 14:16
 Operator : CG/JU
 Sample : SST08016
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST080016

Manual Integrations
 APPROVED

Sohil
 5/27/2021 10:33:50 AM

Quant Time: May 26 14:48:03 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	183126	20.00	ng/ul	0.00
20) Naphthalene-d8	10.675	136	709757	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	423356	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	858849	20.00	ng/ul	0.00
79) Chrysene-d12	21.397	240	922415	20.00	ng/ul	0.00
88) Perylene-d12	23.691	264	977403	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	168944	36.84	ng/uL	0.00
4) Pyridine-d5	3.752	84	1163131	101.31	ng/ul	0.00
7) Phenol-d5	7.040	99	1396683	82.02	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	861381	81.57	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	1112364	84.63	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	1068265	75.85	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	484248	99.01	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	486453	88.12	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.292	165	1079336	97.50	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	1465324	86.98	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	2871389	87.50	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	3853377	92.66	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	502937	94.10	ng/ul	0.01
60) Fluorene-d10	15.492	176	2499939	89.74	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	402417	72.14	ng/ul	0.00
73) Anthracene-d10	17.333	188	3827149	88.49	ng/ul	0.00
81) Pyrene-d10	19.615	212	4302877	90.93	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.550	264	5122242	92.45	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	180057	36.28	ng/uL	97
5) Pyridine	3.769	79	1194249	101.41	ng/ul	98
6) Benzaldehyde	7.022	77	630169m	71.68	ng/ul	
8) Phenol	7.069	94	1409178	81.05	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.304	93	1112341	80.91	ng/ul	98
12) 2-Chlorophenol	7.445	128	1125210	83.94	ng/ul	99
13) 2-Methylphenol	8.316	108	1044257	79.27	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.410	45	1804495	87.14	ng/ul	100
16) Acetophenone	8.704	105	1665690	73.70	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.698	70	892539	77.18	ng/ul	99
18) 4-Methylphenol	8.651	108	1101042	75.39	ng/ul	98
19) Hexachloroethane	8.963	117	486897	85.97	ng/ul	97
22) Nitrobenzene	9.081	77	1238603	97.18	ng/ul	99
23) Isophorone	9.610	82	2295868	85.17	ng/ul	100
25) 2-Nitrophenol	9.786	139	541751	90.39	ng/ul	96
26) 2,4-Dimethylphenol	9.845	107	1200425	88.76	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.086	93	1412722	89.47	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	1029211	94.67	ng/ul	99
30) Naphthalene	10.728	128	3463832	87.92	ng/ul	99
32) 4-Chloroaniline	10.828	127	1506971	86.83	ng/ul	99
33) Hexachlorobutadiene	11.010	225	689590	94.61	ng/ul	99
34) Caprolactam	11.616	113	286801m	74.34	ng/ul	
35) 4-Chloro-3-methylphenol	11.945	107	1015462	84.41	ng/ul	100
36) 2-Methylnaphthalene	12.333	142	2494592	87.29	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	2425414	85.64	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.698	216	1310694	100.19	ng/ul	97
40) Hexachlorocyclopentadiene	12.680	237	912199	134.24	ng/ul	98
41) 2,4,6-Trichlorophenol	12.933	196	774011	97.02	ng/ul	95
42) 2,4,5-Trichlorophenol	13.004	196	832845	98.64	ng/ul	99
43) 1,1'-Biphenyl	13.339	154	3080524	93.60	ng/ul	99
44) 2-Chloronaphthalene	13.380	162	2398537	94.97	ng/ul	99
45) 2-Nitroaniline	13.580	65	652719	102.25	ng/ul	97
47) Dimethylphthalate	13.963	163	2797430	85.14	ng/ul	100
48) 2,6-Dinitrotoluene	14.074	165	554126	93.94	ng/ul	99
50) Acenaphthylene	14.227	152	3673530	91.34	ng/ul	99
51) 3-Nitroaniline	14.404	138	563696	85.07	ng/ul#	97
52) Acenaphthene	14.569	153	2570108	90.42	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	273060	68.04	ng/ul	95
55) 4-Nitrophenol	14.704	109	387033	94.18	ng/ul	95
56) Dibenzofuran	14.898	168	3472294	89.19	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	783614	89.78	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.121	232	695464	86.50	ng/ul	99
59) Diethylphthalate	15.321	149	2852614	83.24	ng/ul	99
61) Fluorene	15.545	166	2996883	90.05	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	1467668	89.74	ng/ul	99
63) 4-Nitroaniline	15.563	138	572799	87.20	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.621	198	418944	76.31	ng/ul	99
67) N-Nitrosodiphenylamine	15.751	169	2530274	90.69	ng/ul	98
68) 4-Bromophenyl-phenylether	16.433	248	891730	93.28	ng/ul	97
69) Hexachlorobenzene	16.545	284	1001388	88.21	ng/ul	99
70) Atrazine	16.704	200	898797	87.32	ng/ul	99
71) Pentachlorophenol	16.886	266	574212	88.27	ng/ul	99
72) Phenanthrene	17.280	178	4449575	87.86	ng/ul	99
74) Anthracene	17.368	178	4591506	88.69	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	1354712	99.72	ng/uL	98
76) Pentachlorobenzene	14.821	250	1199846	92.61	ng/uL	100
77) Carbazole	17.633	167	4203871	88.62	ng/ul	99
78) Di-n-butylphthalate	18.198	149	4826637	85.72	ng/ul	99
80) Fluoranthene	19.286	202	5185513	90.04	ng/ul	99
82) Pyrene	19.645	202	5420870	89.44	ng/ul	97
83) Butylbenzylphthalate	20.539	149	2188235	101.60	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.309	252	1755112	83.63	ng/ul	99
85) Benzo(a)anthracene	21.380	228	5349025	88.88	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.309	149	3480899	93.73	ng/ul	98
87) Chrysene	21.433	228	5216660	87.03	ng/ul	97
89) Di-n-octyl phthalate	22.197	149	5697910	76.18	ng/ul	100
90) Benzo(b)fluoranthene	23.003	252	5757729	90.82	ng/ul	99
91) Benzo(k)fluoranthene	23.044	252	5752469	86.30	ng/ul	99
93) Benzo(a)pyrene	23.597	252	5301873	92.08	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.044	276	7130305	102.31	ng/ul	98
95) Dibenzo(a,h)anthracene	26.056	278	5932702	100.43	ng/ul	99
96) Benzo(g,h,i)perylene	26.762	276	5889467	104.30	ng/ul	100

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

