

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
 Data File : BM029766.D
 Acq On : 02 May 2021 03:52
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020020

Manual Integrations
 APPROVED

mohammad
 5/3/2021 12:25:05 PM

Quant Time: May 02 04:52:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 02 01:03:03 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	49914	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	185640	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	144488	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	326305	20.00	ng/ul	0.00
79) Chrysene-d12	21.15	240	390213	20.00	ng/ul	0.00
88) Perylene-d12	23.32	264	407580	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	7525	7.37	ng/uL	0.00
4) Pyridine-d5	3.50	84	37034	16.75	ng/ul	0.00
7) Phenol-d5	6.76	99	60023	17.86	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	32004	18.18	ng/ul	0.00
11) 2-Chlorophenol-d4	7.11	132	58584	19.27	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	51982	18.06	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	26507	19.61	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	33457	19.55	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	71026	19.86	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	76332	18.93	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	221728	19.37	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	269140	19.07	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	25119	16.59	ng/ul	0.00
60) Fluorene-d10	15.22	176	193770	19.57	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	40722	17.16	ng/ul	0.00
73) Anthracene-d10	17.07	188	315890	19.20	ng/ul	0.00
81) Pyrene-d10	19.36	212	396810	19.91	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.18	264	454056	19.42	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.11	88	7479	6.960	ng/uL# 93
5) Pyridine	3.52	79	39830	16.926	ng/ul 98
6) Benzaldehyde	6.73	77	35667	18.504	ng/ul 97
8) Phenol	6.79	94	59723	17.928	ng/ul 99
10) Bis(2-Chloroethyl)ether	7.01	93	48168	18.894	ng/ul 99
12) 2-Chlorophenol	7.15	128	58070	19.198	ng/ul 99
13) 2-Methylphenol	8.03	108	48360	18.086	ng/ul 98
14) 2,2'-oxybis(1-Chloropropan	8.10	45	44923	17.951	ng/ul 95
16) Acetophenone	8.40	105	79132	17.834	ng/ul 98
17) N-Nitroso-di-n-propylamine	8.38	70	41072	19.206	ng/ul 96
18) 4-Methylphenol	8.36	108	52531	18.031	ng/ul 97
19) Hexachloroethane	8.64	117	25531	18.667	ng/ul 95
22) Nitrobenzene	8.77	77	58477	19.583	ng/ul 99
23) Isophorone	9.29	82	110739	19.224	ng/ul 98
25) 2-Nitrophenol	9.47	139	33968	19.126	ng/ul 95
26) 2,4-Dimethylphenol	9.55	107	62710	19.396	ng/ul 97
27) Bis(2-Chloroethoxy)methane	9.78	93	66290	19.769	ng/ul 97
29) 2,4-Dichlorophenol	10.01	162	68566	20.531	ng/ul 95
30) Naphthalene	10.40	128	192329	19.492	ng/ul 98
32) 4-Chloroaniline	10.52	127	74438	18.340	ng/ul 98
33) Hexachlorobutadiene	10.69	225	60411	20.928	ng/ul 97
34) Caprolactam	11.30	113	16165m	17.530	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.66	107	56090	19.719	ng/ul	98
36) 2-Methylnaphthalene	12.02	142	151081	19.826	ng/ul	100
37) 1-Methylnaphthalene	12.25	142	149577	20.165	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	110002	19.535	ng/ul	96
40) Hexachlorocyclopentadiene	12.37	237	63010	22.796	ng/ul	95
41) 2,4,6-Trichlorophenol	12.65	196	64093	19.722	ng/ul	96
42) 2,4,5-Trichlorophenol	12.73	196	63293	18.572	ng/ul	96
43) 1,1'-Biphenyl	13.05	154	206312	19.095	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	167263	19.217	ng/ul	99
45) 2-Nitroaniline	13.31	65	30874	18.369	ng/ul	98
47) Dimethylphthalate	13.69	163	213987	19.277	ng/ul	100
48) 2,6-Dinitrotoluene	13.81	165	43418	19.405	ng/ul	90
50) Acenaphthylene	13.94	152	253333	19.283	ng/ul	99
51) 3-Nitroaniline	14.15	138	34455	17.298	ng/ul	95
52) Acenaphthene	14.29	153	175557	19.161	ng/ul	99
53) 2,4-Dinitrophenol	14.36	184	29665	22.239	ng/ul	94
55) 4-Nitrophenol	14.46	109	17226	16.088	ng/ul	94
56) Dibenzofuran	14.62	168	265065	19.469	ng/ul	97
57) 2,4-Dinitrotoluene	14.60	165	62388	19.887	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.86	232	66488	20.661	ng/ul	97
59) Diethylphthalate	15.06	149	202623	19.229	ng/ul	98
61) Fluorene	15.27	166	218223	19.215	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.27	204	126843	19.995	ng/ul	95
63) 4-Nitroaniline	15.31	138	36424m	17.190	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.37	198	40040	17.518	ng/ul	99
67) N-Nitrosodiphenylamine	15.49	169	192425	19.097	ng/ul	98
68) 4-Bromophenyl-phenylether	16.17	248	80710	20.164	ng/ul	95
69) Hexachlorobenzene	16.28	284	92274	19.961	ng/ul	96
70) Atrazine	16.44	200	78310	18.862	ng/ul	99
71) Pentachlorophenol	16.63	266	47217	19.411	ng/ul	95
72) Phenanthrene	17.01	178	360953	19.287	ng/ul	98
74) Anthracene	17.10	178	369075	19.191	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	118438	19.518	ng/uL	98
76) Pentachlorobenzene	14.54	250	111877	19.686	ng/uL	98
77) Carbazole	17.38	167	303547	18.086	ng/ul	99
78) Di-n-butylphthalate	17.94	149	355299	19.931	ng/ul	99
80) Fluoranthene	19.03	202	466648	19.910	ng/ul	99
82) Pyrene	19.39	202	485236	19.456	ng/ul	99
83) Butylbenzylphthalate	20.30	149	162045	18.725	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.08	252	171797	17.153	ng/ul	100
85) Benzo(a)anthracene	21.14	228	492006	19.269	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.08	149	252562	19.019	ng/ul	99
87) Chrysene	21.19	228	491415	19.259	ng/ul	100
89) Di-n-octyl phthalate	21.93	149	434300	18.567	ng/ul	100
90) Benzo(b)fluoranthene	22.67	252	516212	19.434	ng/ul	99
91) Benzo(k)fluoranthene	22.72	252	524225	20.035	ng/ul	99
93) Benzo(a)pyrene	23.22	252	467651	19.459	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.48	276	616248	19.581	ng/ul	99
95) Dibenzo(a,h)anthracene	25.49	278	514430	19.584	ng/ul	100
96) Benzo(g,h,i)perylene	26.14	276	513539	19.868	ng/ul	98

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

