

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041421\
 Data File : BM029461.D
 Acq On : 14 Apr 2021 09:25
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020014

Manual Integrations
 APPROVED

mohammad
 4/15/2021 11:45:36 AM

Quant Time: Apr 14 10:09:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 14 10:06:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	89925	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	366171	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	215374	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	398122	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	365102	20.00	ng/ul	0.00
87) Perylene-d12	23.44	264	365313	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	18602	7.50	ng/uL	0.00
4) Pyridine-d5	3.59	84	116284	17.69	ng/ul	0.00
7) Phenol-d5	6.85	99	145076	17.62	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	103202	19.21	ng/ul	0.00
11) 2-Chlorophenol-d4	7.21	132	117075	18.98	ng/ul	0.00
15) 4-Methylphenol-d8	8.38	113	114770	18.22	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	52949	18.68	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	55704	18.05	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	108874	18.76	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	151629	18.36	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	309989	18.67	ng/ul	0.00
49) Acenaphthylene-d8	14.00	160	365403	18.45	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	51721	16.28	ng/ul	0.00
60) Fluorene-d10	15.31	176	255315	18.68	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	43095	16.68	ng/ul	0.00
73) Anthracene-d10	17.16	188	368237	19.14	ng/ul	0.00
80) Pyrene-d10	19.45	212	370267	19.13	ng/ul	0.00
91) Benzo(a)pyrene-d12	23.30	264	376999	18.92	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.22	88	19827	7.729	ng/uL 94
5) Pyridine	3.61	79	122729	17.424	ng/ul 95
6) Benzaldehyde	6.83	77	109222	23.835	ng/ul 99
8) Phenol	6.87	94	157917	18.069	ng/ul 99
10) Bis(2-Chloroethyl)ether	7.11	93	125336	18.876	ng/ul 99
12) 2-Chlorophenol	7.25	128	125502	19.093	ng/ul 97
13) 2-Methylphenol	8.12	108	111854	17.762	ng/ul 99
14) 2,2'-oxybis(1-Chloropropan	8.21	45	201733	19.418	ng/ul 98
16) Acetophenone	8.50	105	192522	18.425	ng/ul 97
17) N-Nitroso-di-n-propylamine	8.49	70	112644	19.722	ng/ul 95
18) 4-Methylphenol	8.45	108	123190	18.158	ng/ul 97
19) Hexachloroethane	8.75	117	58054	19.553	ng/ul 94
22) Nitrobenzene	8.87	77	166956	19.357	ng/ul 98
23) Isophorone	9.40	82	281315	19.193	ng/ul 100
25) 2-Nitrophenol	9.58	139	65480	18.953	ng/ul 99
26) 2,4-Dimethylphenol	9.64	107	146337	19.279	ng/ul 98
27) Bis(2-Chloroethoxy)methane	9.88	93	167533	19.558	ng/ul 98
29) 2,4-Dichlorophenol	10.11	162	110737	19.079	ng/ul 99
30) Naphthalene	10.51	128	390517	19.154	ng/ul 99
32) 4-Chloroaniline	10.62	127	155487	18.237	ng/ul 98
33) Hexachlorobutadiene	10.80	225	66997	19.529	ng/ul 95
34) Caprolactam	11.39	113	31740m	17.593	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.75	107	121641	18.865	ng/ul	98
36) 2-Methylnaphthalene	12.13	142	270413	19.330	ng/ul	94
37) 1-Methylnaphthalene	12.35	142	268090	19.185	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	116586	18.497	ng/ul	98
40) Hexachlorocyclopentadiene	12.48	237	74426	17.099	ng/ul	98
41) 2,4,6-Trichlorophenol	12.74	196	78958	18.504	ng/ul	95
42) 2,4,5-Trichlorophenol	12.81	196	85255	18.618	ng/ul	97
43) 1,1'-Biphenyl	13.15	154	340723	18.632	ng/ul	97
44) 2-Chloronaphthalene	13.19	162	260572	18.663	ng/ul	98
45) 2-Nitroaniline	13.39	65	87896	18.264	ng/ul	97
47) Dimethylphthalate	13.77	163	320823	18.863	ng/ul	100
48) 2,6-Dinitrotoluene	13.89	165	59972	18.282	ng/ul	95
50) Acenaphthylene	14.03	152	386569	18.529	ng/ul	99
51) 3-Nitroaniline	14.22	138	62325	17.584	ng/ul	99
52) Acenaphthene	14.38	153	282891	18.436	ng/ul	99
53) 2,4-Dinitrophenol	14.43	184	30883	15.215	ng/ul	96
55) 4-Nitrophenol	14.53	109	56344	17.500	ng/ul	93
56) Dibenzofuran	14.72	168	378847	18.614	ng/ul	99
57) 2,4-Dinitrotoluene	14.68	165	87645	18.881	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.94	232	64714	18.139	ng/ul	97
59) Diethylphthalate	15.14	149	337520	19.001	ng/ul	99
61) Fluorene	15.37	166	321016	18.499	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.36	204	145322	18.739	ng/ul	99
63) 4-Nitroaniline	15.39	138	63319	18.385	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.44	198	45757	17.095	ng/ul	96
67) N-Nitrosodiphenylamine	15.57	169	270449	19.561	ng/ul	97
68) 4-Bromophenyl-phenylether	16.26	248	79521	19.772	ng/ul	96
69) Hexachlorobenzene	16.37	284	87710	19.359	ng/ul	97
70) Atrazine	16.53	200	89105	18.060	ng/ul	100
71) Pentachlorophenol	16.71	266	51370	17.643	ng/ul	92
72) Phenanthrene	17.10	178	467119	19.024	ng/ul	99
74) Anthracene	17.19	178	483931	19.231	ng/ul	99
75) Pentachlorobenzene	14.64	250	114770	19.444	ng/ul	97
76) Carbazole	17.46	167	421622	18.147	ng/ul	100
77) Di-n-butylphthalate	18.03	149	540083	19.292	ng/ul	99
79) Fluoranthene	19.12	202	489714	19.241	ng/ul	97
81) Pyrene	19.48	202	517479	19.210	ng/ul	97
82) Butylbenzylphthalate	20.39	149	232557	19.272	ng/ul	99
83) 3,3'-Dichlorobenzidine	21.16	252	155917	19.487	ng/ul	98
84) Benzo(a)anthracene	21.22	228	467168	19.253	ng/ul	99
85) Bis(2-ethylhexyl)phthalate	21.16	149	377913	20.030	ng/ul	98
86) Chrysene	21.27	228	458788	19.577	ng/ul	100
88) Di-n-octyl phthalate	22.03	149	623312	18.040	ng/ul	100
89) Benzo(b)fluoranthene	22.78	252	470761	19.083	ng/ul	99
90) Benzo(k)fluoranthene	22.83	252	461489	18.672	ng/ul	99
92) Benzo(a)pyrene	23.34	252	411818	18.818	ng/ul	100
93) Indeno(1,2,3-cd)pyrene	25.66	276	539458	19.417	ng/ul	99
94) Dibenzo(a,h)anthracene	25.67	278	454099	19.424	ng/ul	99
95) Benzo(a,h,i)perylene	26.33	276	436919	19.437	ng/ul	99

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

