Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051320\
Data File : BM025976.D
Acq On : 13 May 2020 11:48
Operator : MA/SJ
Sample : SSTD01053
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01053

Quant Time: May 13 13:04:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 13 13:00:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	125280	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	491416	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	283136	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	597049	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	643973	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	675866	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	16368	5.48	ng/uL	0.00
5) Phenol-d5	6.69	99	112967	11.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	81597	14.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	84298	10.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	84138	10.36	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	38539	10.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	35870	9.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	75871	9.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	64974	7.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	223713	10.40	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	263154	10.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	36123	8.82	ng/ul	0.00
58) Fluorene-d10	15.15	176	194504	10.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	28543	7.84	ng/ul	0.00
71) Anthracene-d10	16.99	188	285739	10.25	ng/ul	0.00
79) Pyrene-d10	19.30	212	323062	10.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	343770	9.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	16813	5.23	ng/uL	90
4) Benzaldehyde	6.66	77	81000	15.47	ng/ul	91
6) Phenol	6.72	94	129053	12.50	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.95	93	101533	12.42	ng/ul	99
10) 2-Chlorophenol	7.07	128	92428	10.94	ng/ul	99
11) 2-Methylphenol	7.95	108	85426	10.81	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.05	45	190650	17.47	ng/ul	99
14) Acetophenone	8.32	105	145068	11.58	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.31	70	80653	12.85	ng/ul	95
16) 4-Methylphenol	8.28	108	96194	11.15	ng/ul	99
17) Hexachloroethane	8.57	117	39756	11.32	ng/ul	98
20) Nitrobenzene	8.69	77	120980	13.60	ng/ul	98
21) Isophorone	9.22	82	194446	11.83	ng/ul	99
23) 2-Nitrophenol	9.39	139	44015	10.09	ng/ul	99
24) 2,4-Dimethylphenol	9.47	107	108073	12.22	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.70	93	126621	12.02	ng/ul	100
27) 2,4-Dichlorophenol	9.93	162	79759	10.12	ng/ul	99
28) Naphthalene	10.32	128	297966	11.13	ng/ul	99
30) 4-Chloroaniline	10.43	127	68864	7.36	ng/ul	98
31) Hexachlorobutadiene	10.62	225	54862	10.66	ng/ul	98
32) Caprolactam	11.20	113	19056	7.31	ng/ul	92
33) 4-Chloro-3-methylphenol	11.57	107	89908	10.98	ng/ul	97
34) 2-Methylnaphthalene	11.94	142	198230	10.37	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	186568	9.79	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	100820	11.26	ng/ul	98
38) Hexachlorocyclopentadiene	12.30	237	53921	8.82	ng/ul	98
39) 2,4,6-Trichlorophenol	12.57	196	55532	9.75	ng/ul	96
40) 2,4,5-Trichlorophenol	12.64	196	63103	10.18	ng/ul	97
41) 1,1'-Biphenyl	12.97	154	247494	10.94	ng/ul	98
42) 2-Chloronaphthalene	13.01	162	192356	10.80	ng/ul	99
43) 2-Nitroaniline	13.22	65	60148	13.51	ng/ul	99
45) Dimethylphthalate	13.62	163	235449	10.51	ng/ul	99
46) 2,6-Dinitrotoluene	13.73	165	38941	8.84	ng/ul	91
48) Acenaphthylene	13.86	152	289892	10.38	ng/ul	100
49) 3-Nitroaniline	14.06	138	31891	8.02	ng/ul	98
50) Acenaphthene	14.22	153	207064	10.91	ng/ul	100
51) 2,4-Dinitrophenol	14.27	184	17197	6.51	ng/ul	97
53) 4-Nitrophenol	14.37	109	35280	11.02	ng/ul	96
54) Dibenzofuran	14.55	168	292387	10.86	ng/ul	99
55) 2,4-Dinitrotoluene	14.52	165	59835	9.29	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.79	232	51180	9.11	ng/ul	95
57) Diethylphthalate	15.00	149	229013	9.97	ng/ul	99
59) Fluorene	15.20	166	233578	10.31	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.21	204	117929	10.17	ng/ul	96
61) 4-Nitroaniline	15.22	138	43361	9.17	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.29	198	32040	8.04	ng/ul	99
65) N-Nitrosodiphenylamine	15.42	169	195019	10.57	ng/ul	98
66) 4-Bromophenyl-phenylether	16.10	248	68047	9.24	ng/ul	98
67) Hexachlorobenzene	16.22	284	77192	8.54	ng/ul	98
68) Atrazine	16.38	200	64569	9.28	ng/ul	97
69) Pentachlorophenol	16.56	266	36084	6.83	ng/ul	98
70) Phenanthrene	16.94	178	372435	10.60	ng/ul	100
72) Anthracene	17.03	178	373268	10.42	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	98291	10.74	ng/uL	97
74) Pentachlorobenzene	14.47	250	94231	9.25	ng/uL	98
75) Carbazole	17.30	167	322253	10.30	ng/ul	99
76) Di-n-butylphthalate	17.89	149	346002	9.47	ng/ul	99
77) Fluoranthene	18.96	202	415685	10.03	ng/ul	99
80) Pyrene	19.32	202	446163	10.32	ng/ul	99
81) Butylbenzylphthalate	20.26	149	140301	8.52	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.02	252	99772	6.82	ng/ul	99
83) Benzo(a)anthracene	21.08	228	437476	10.30	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	222836	8.72	ng/ul	99
85) Chrysene	21.13	228	441511	10.60	ng/ul	99
87) Di-n-octyl phthalate	21.90	149	356132	8.79	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	433620	10.28	ng/ul	100
89) Benzo(k)fluoranthene	22.63	252	450593	10.85	ng/ul	98
91) Benzo(a)pyrene	23.13	252	387822	10.11	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.31	276	512548	10.11	ng/ul	98
93) Dibenzo(a,h)anthracene	25.31	278	436436	10.17	ng/ul	100
94) Benzo(g,h,i)perylene	25.94	276	427426	10.23	ng/ul	98

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

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