Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081220\
Data File : BM027039.D
Acq On : 12 Aug 2020 09:16
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02015

Quant Time: Aug 12 11:06:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 11:04:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	61474	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	228858	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	167189	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	373157	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	425273	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	447064	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	11917	8.81	ng/uL	0.00
5) Phenol-d5	6.82	99	89183	18.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	64606	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	74314	19.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	71471	19.18	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	33519	18.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	34739	18.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	84237	21.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	94802	20.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	245328	18.40	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	303858	19.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	39626	17.61	ng/ul	0.00
58) Fluorene-d10	15.27	176	236973	20.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	35594	17.46	ng/ul	0.00
71) Anthracene-d10	17.12	188	368679	20.05	ng/ul	0.00
79) Pyrene-d10	19.42	212	421967	19.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	496688	19.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	14194	8.254	ng/uL	99
4) Benzaldehyde	6.79	77	71048	15.290	ng/ul	95
6) Phenol	6.85	94	99041	19.651	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.07	93	78663	18.909	ng/ul	98
10) 2-Chlorophenol	7.21	128	80421	20.410	ng/ul	97
11) 2-Methylphenol	8.08	108	70845	19.352	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.17	45	57406	18.114	ng/ul	94
14) Acetophenone	8.45	105	134583	21.488	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	75718	20.839	ng/ul	95
16) 4-Methylphenol	8.40	108	79040	20.090	ng/ul	97
17) Hexachloroethane	8.72	117	40897	20.751	ng/ul	98
20) Nitrobenzene	8.82	77	120171	20.292	ng/ul	96
21) Isophorone	9.35	82	179923	19.147	ng/ul	98
23) 2-Nitrophenol	9.53	139	40951	19.638	ng/ul	94
24) 2,4-Dimethylphenol	9.60	107	102882	21.630	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.83	93	105259	19.771	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	84279	21.216	ng/ul	98
28) Naphthalene	10.46	128	254500	20.007	ng/ul	99
30) 4-Chloroaniline	10.57	127	100370	21.696	ng/ul	98
31) Hexachlorobutadiene	10.76	225	72397	21.617	ng/ul	99
32) Caprolactam	11.33	113	19284	17.463	ng/ul	98
33) 4-Chloro-3-methylphenol	11.70	107	81470	19.408	ng/ul	98
34) 2-Methylnaphthalene	12.08	142	190888	20.462	ng/ul	98

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35) 1-Methylnaphthalene	12.30	142	179596	19.555 ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	122299	19.768 ng/ul	99
38) Hexachlorocyclopentadiene	12.45	237	84304	20.666 ng/ul	98
39) 2,4,6-Trichlorophenol	12.70	196	69345	19.070 ng/ul	96
40) 2,4,5-Trichlorophenol	12.77	196	77663	20.068 ng/ul	94
41) 1,1'-Biphenyl	13.10	154	263781	19.306 ng/ul	98
42) 2-Chloronaphthalene	13.14	162	216126	19.511 ng/ul	98
43) 2-Nitroaniline	13.34	65	62809	19.574 ng/ul	89
45) Dimethylphthalate	13.74	163	262252	18.770 ng/ul	99
46) 2,6-Dinitrotoluene	13.84	165	48915	18.387 ng/ul	92
48) Acenaphthylene	13.99	152	310257	19.209 ng/ul	98
49) 3-Nitroaniline	14.17	138	44729	18.920 ng/ul	96
50) Acenaphthene	14.34	153	222756	19.460 ng/ul	93
51) 2,4-Dinitrophenol	14.38	184	24284	17.565 ng/ul	91
53) 4-Nitrophenol	14.49	109	51784	21.609 ng/ul	95
54) Dibenzofuran	14.67	168	334159	20.399 ng/ul	95
55) 2,4-Dinitrotoluene	14.63	165	75914	19.650 ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	14.90	232	68607	19.670 ng/ul	99
57) Diethylphthalate	15.11	149	277441	19.797 ng/ul	99
59) Fluorene	15.33	166	277983	20.278 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.33	204	151608	20.293 ng/ul	98
61) 4-Nitroaniline	15.33	138	51848	19.201 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.40	198	39561	17.539 ng/ul	99
65) N-Nitrosodiphenylamine	15.53	169	238618	21.344 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	94617	20.272 ng/ul	95
67) Hexachlorobenzene	16.33	284	109997	20.095 ng/ul	98
68) Atrazine	16.49	200	86813	19.151 ng/ul	97
69) Pentachlorophenol	16.67	266	57731	19.032 ng/ul	99
70) Phenanthrene	17.06	178	452078	20.208 ng/ul	98
72) Anthracene	17.15	178	462425	20.315 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	121915	20.889 ng/uL	97
74) Pentachlorobenzene	14.60	250	124178	20.398 ng/uL	98
75) Carbazole	17.42	167	397227	20.674 ng/ul	98
76) Di-n-butylphthalate	18.00	149	463026	19.667 ng/ul	99
77) Fluoranthene	19.08	202	529606	19.523 ng/ul	98
80) Pyrene	19.44	202	566826	19.636 ng/ul	98
81) Butylbenzylphthalate	20.36	149	197933	18.655 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.13	252	184297	19.205 ng/ul	100
83) Benzo(a)anthracene	21.20	228	577577	20.174 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	311941	19.461 ng/ul	99
85) Chrysene	21.25	228	569644	20.270 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	509385	17.030 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	629672	20.283 ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	589434	19.158 ng/ul	99
91) Benzo(a)pyrene	23.31	252	548157	19.402 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.61	276	725709	19.935 ng/ul	99
93) Dibenzo(a,h)anthracene	25.62	278	612742	19.871 ng/ul	99
94) Benzo(g,h,i)perylene	26.27	276	598676	19.910 ng/ul	99

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

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